

Dead in west pen.

3622 x 3371

Heat Treatment $27\frac{1}{2}$ hrs.

Transplanted rice
B →

Next to last plot from
North rows W to E
plants N to S.

Row 1.- Rexoro

" - 2 - 4700

3 - "

4 - Rexoro Summit Creek

5 - Millie Early Date to North

6 - Rice conidia " " " "

7 - " chlamydosporous " " " "

8 - Palopescuroides " " " "

9 - B Rose millie

10 -

11 -

12 -

13 -

14 -

15 -

16 -

17 -

18 -

19 -

20 -

21

22

23

First series 4-29-39

14. a. 8.5/26/39

ck.

1

alasa

2

E.P.

3

zenith

7

ERP

ck.

10

S.W

9

no seed

11

Later

12

ck.

13
no 3000

14

B283712-7-6

B283712-4-5

16

B2916A12-2-1

25

Edwards

ck.

33

B283A13-7-5

34

B283A12-10-2

41

Hand.

43

Fort

C/K.

44

Grease
Bed

45

Miss

48

Deliver

50

Calady

56

51

no 1000

64
710
2002

66

1. Fort

67
40
2002

68

69

24/11/99
31-2

70

24/11/99
37-1-1-1-1

71

62912A
20-4-3-1-1

ck

73

2912A 47-1-1-1

74

13322A 2-8-2-1

-

72

no
seed

75

2411A (P)
31-2

78

B283 H9-7-1
1-1-1

ck.

81

B2912A
13-2-2-1-1

84

no
sec

85

unwanted
pap

86

Report

CK. 87 90 91 92 97 ck

no
sal

C2912 H67
10X13A

B2912 H
42-2-1-2

C2912 H26-1

B328 HSE=17-3-2

98

1/10/10 B221
300

100

B2912 A23-1-1-1

103

RX5 BK
Del 3-5-4

105

B295 A5-3-2-1
EXX

CA

106

B321 A2-1-2-2

114

Tunes

115

Sola

CK.

16 25 2A 33 34 41 43

42 44 45 48 50 46 51

64

66

67

68

69

70

71

72

73

74

75

76

78

C/c.

81

84

85

86

C/c.

87

90

91

92

C/c.

97 98 100 103 ct. 105

106

104

115

ct

Third Series
3 H. A. S. 5/26/39

4-29-39

1

2

3

7

C/K

9

10

11

12

C/K

13

14

16

25⁻ cr 33 34 41 43 cr

44 45 48 50 cr. 51 64

66 67 ck. 68 70 71 72

ck. 73 74 75 78 ck. 81

84 85 86 ct. 87 90 91

92 ct. 97 98 100 103 ct.

105

106

114

115

ck.

1939

NURSERY AND FIELD PLOT VARIETY YIELD TESTS

TEST	Plot Nos	Page
Advanced Nursery Plots	1 - 128	1 - 22
Uniform Early Group	1-22	1
Beaumont Early Group	23-44	5
Uniform Midseason Group . . .	45-66	9
Beaumont Midseason Group . . .	67-88	13
Uniform Late Group	89-108	17
Beaumont Late Group	109-128	20
Preliminary Nursery Plots		
Early Preliminary Group . . .	129-158	23
Midseason Prelim. Group . . .	159-198	27
Late Preliminary Group	199-231	32
Bulked Hybrid Populations . . .	232-261	36
Source of Seed Experiment . . .	262-272	40
Methods of Seeding Expt. . . .	273-278	43
FIELD PLOT VARIETY TEST		45
Early Group	501-509	45
Midseason Group	510-515	46
Late Group	516-525	47



"The Right Books to Write In"
Figuring Book No. 720

Made in the following Rulings

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720-B4	720-D4	4 Columns to Right
720-B5	720-D5	5 Columns to Right
720-B6	720-D6	6 Columns to Right
720-B7	720-D7	7 Columns to Right
720-B8	720-D8	8 Columns to Right
720-B12	720-D12	†12 Columns to Right
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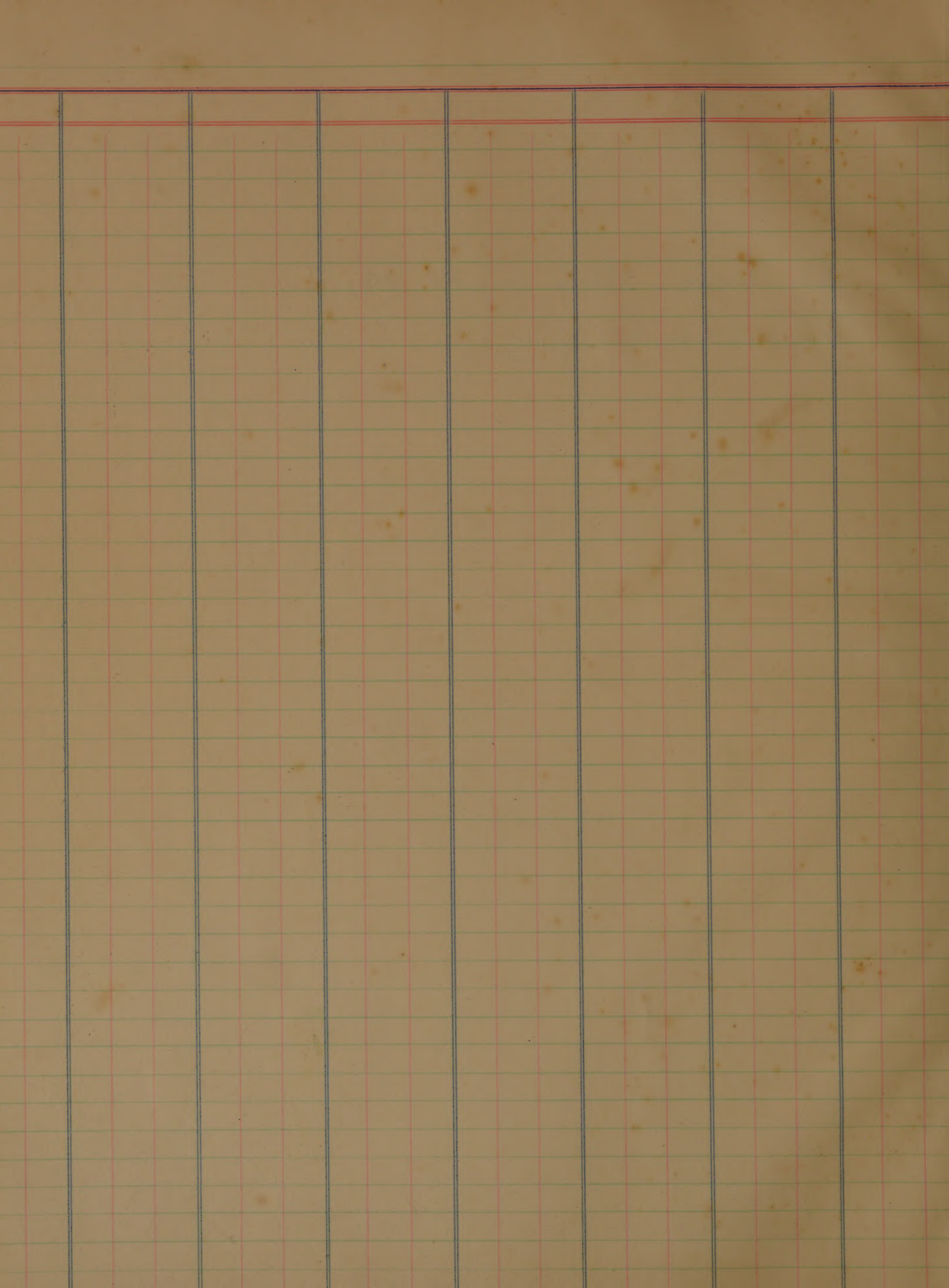
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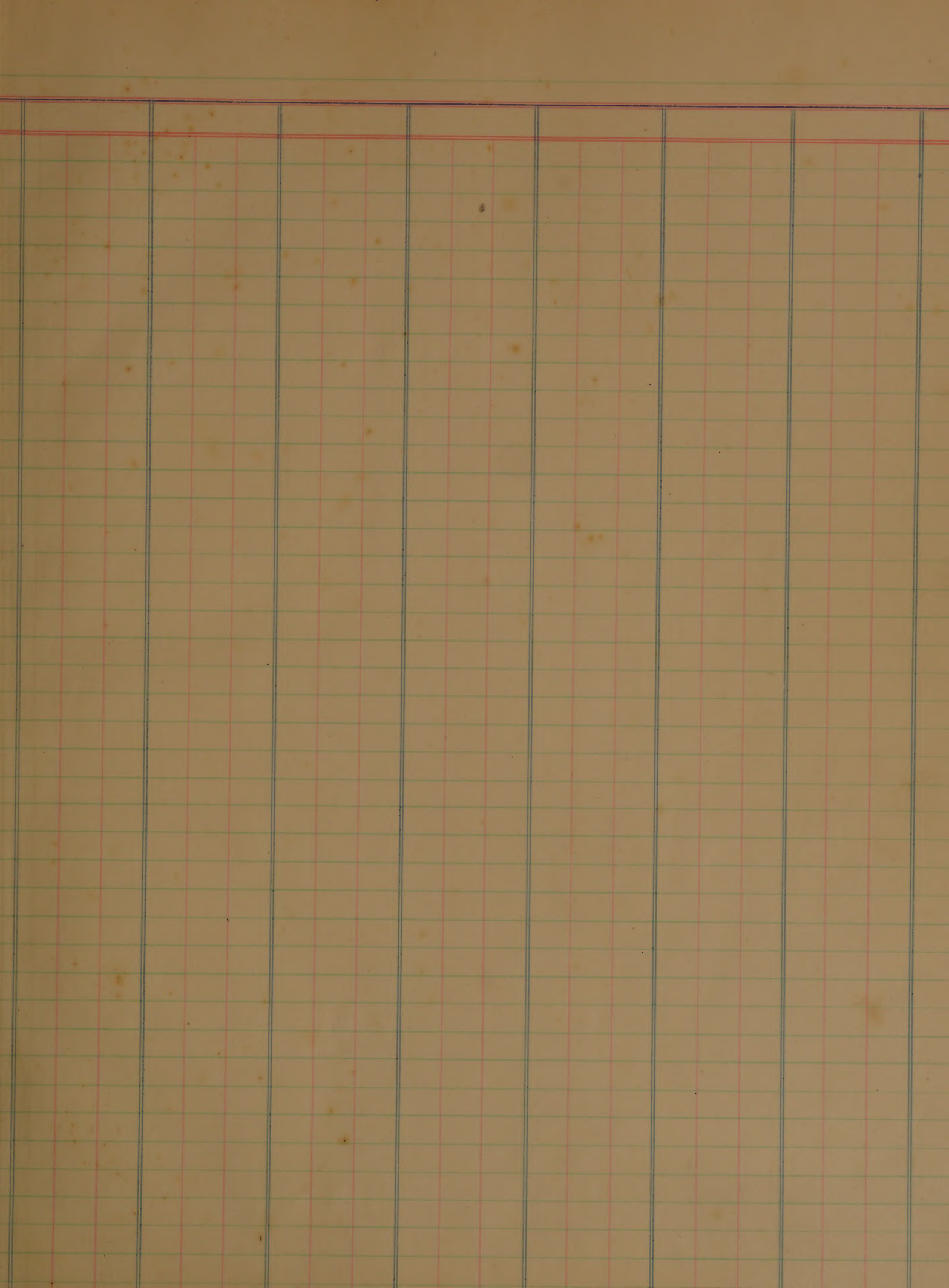
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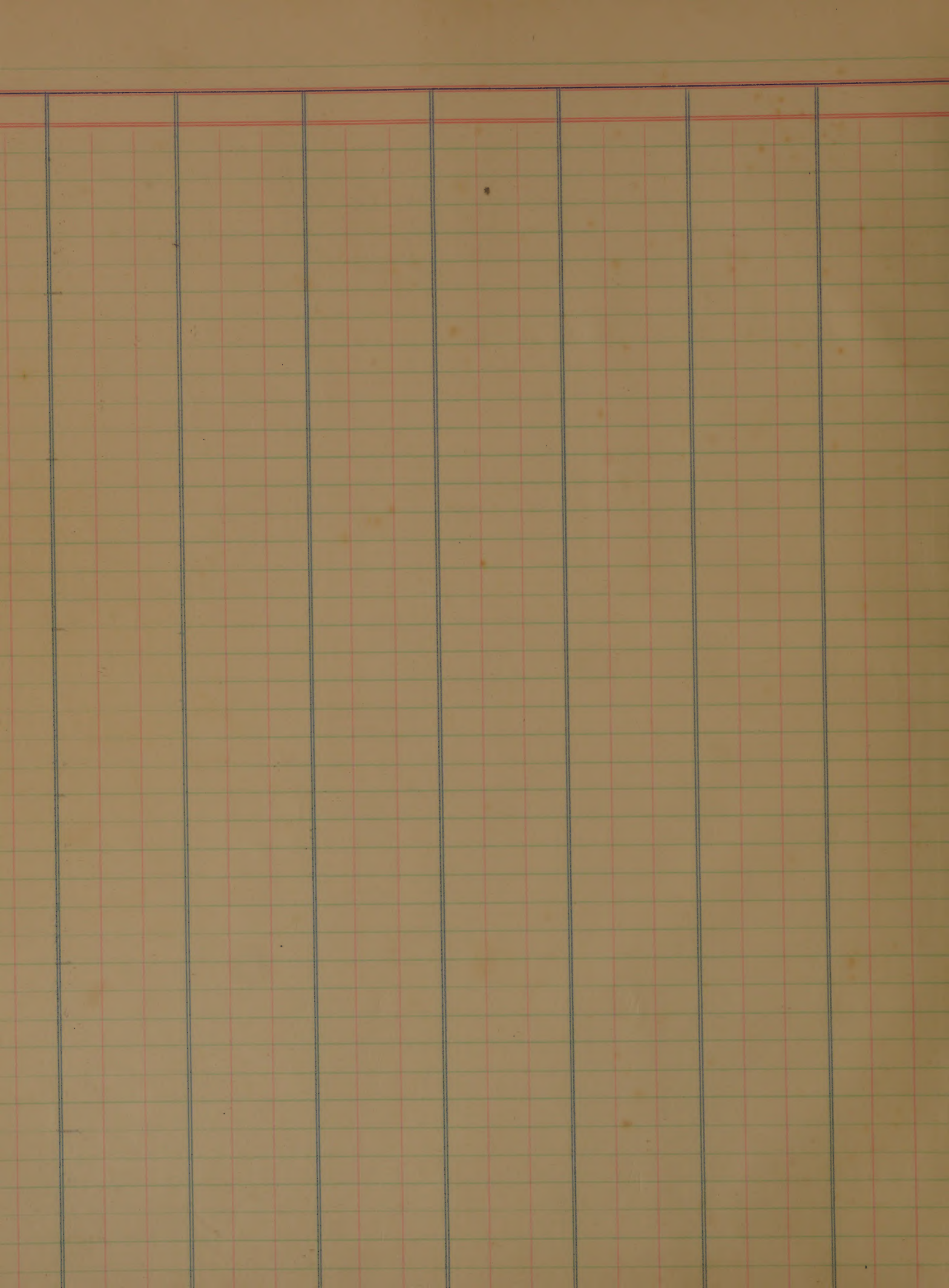
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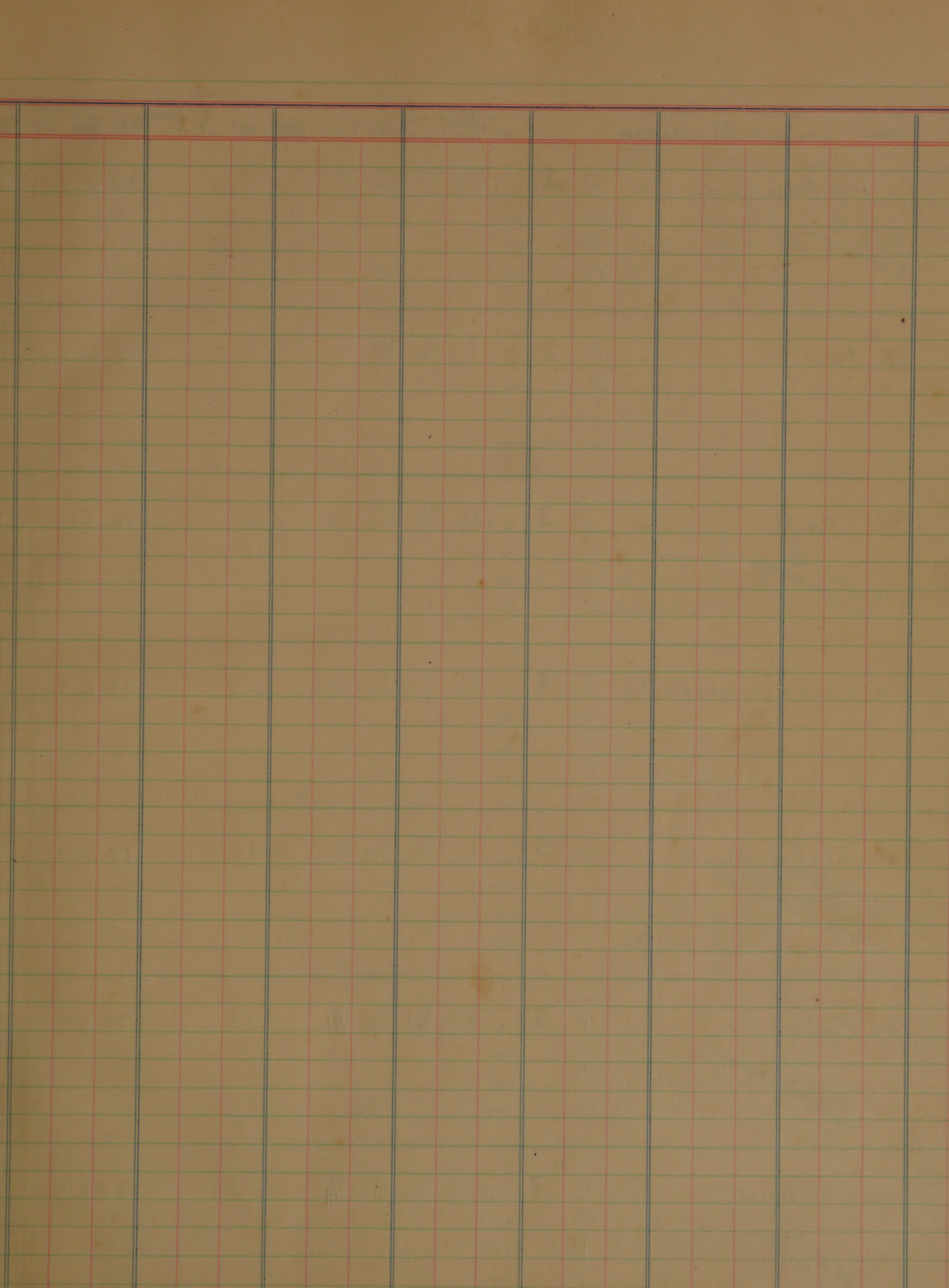
Late & Midsummer blocks irrigated 7/24

Early plots drained Aug 12









Threshed Sept. 21

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	Seeding Order.	D A T E S		HARV. ESTED	ING (IN.)	SHAT- TING	DISEASES		
				HEADING 1ST FULL	RIPENING 1ST FULL				H.O.	Cerco- spora	White Tip
(18)		Early Prolific, B3214 <u>Unit E</u> cut guard	2	G	1	1 ✓ 7/24 8/4	8/12 8/22 8/25	37		25	++ + +
				VG		72 ✓	8/31				
				G		119 ✓	8/31				
				VG		144 ✓	8/25				
19903		7788 Latex, <u>Unit E</u>	"	F	2	2 7/26 8/4	8/11 8/20	38		20	++ + +
(31)				G		77					
				F		113					
				F		150	8/25				
		7787 Zenith <u>Unit E</u> guard	3	G	3	3 7/24 8/4	8/8 8/19	36		20	++ + +
(11)				G		76 ✓					
				G		114 ✓					
				F		151 ✓	8/25				
19887		7785 Early Blue Rose (Ark) 7 <u>Unit E</u>		G	4	4 7/21 8/1	8/10 8/22	38		25	++ + +
(34)				F		88					
				G		126					
				F		140	8/25				
19889		3625 Shoermed, ck. <u>Unit E</u> all non-pur		G	5	5 8/2 8/11	8/17 8/29 8/25	40		15	0-0 0 +
(10)						81	8/31				
						124	8/31				
						145	8/31				
		1600 Colusa <u>Unit E</u>	1	P	6	6 7/17 7/27	8/3 8/11	32		20	++ + +
(41)				F		70					
				P		121					
				P		137	8/25				
19903		5451 Lady Wright <u>Unit E</u> cut guard	10	F	7	7 7/23 8/1	8/10 8/19	35		25	++ + +
(42)				G		75 ✓					
				F		111 ✓					
				F		154 ✓	8/25				

DAYS TO MATURITY FROM			YIELD DATA			TEST	MILLING DATA	
PLANT	1ST	PER	GMS.	ACRE	PER	BU.	HEAD	TOTAL
EMERG.	HEAD	ROW		BU.	LBS.	BBL.	(LBS.)	RICE

Volume
250
milled
not cooked

Volume
250 whole
milled
not cooked
250
milled
not cooked

Remarks (field)

208

240

224

257

929

30.9 1394

45 68.4 75.8 0

Trial 1 5.5 18.0 227 25
Trial 2 5.5 15.5 182 84

204 236

partly

134

263

203

223

823

27.4 1234

43 73.4 77.8 1

6.9 19.5 183 25

7.0 20.5 193 81

188 224

partly

229

243

238

254

964

32.1 1446

46 75.3 77.0 0.1

5.5 20.5 273 25

5.5 17.0 209 88

241 252

med partly, slightly

195

204

195

209

803

26.7 1204

43 73.8 77.0 1

6.0 18.0 200 25

6.0 17.5 192 83

196 232

partly, slightly odor

164

260

220

330

974

32.4 1461

49 56.7 75.7 0.4

5.4 16.0 196 25

5.4 16.0 196 87

196 248

med partly

139

214

186

180

719

33.9 1098

46 76.1 78.4 1

6.0 17.0 183 25

6.0 17.0 183 85

183 240

partly

138

218

167

189

712

32 1065

44 69.8 76.6 0

6.5 19.5 200 25

6.6 19.0 188 88

194 250

med partly, slightly odor

T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LODG.			DISEASES			
			HEADING 1ST FULL	1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	SHAT- TERING	H.O.	Cerco- spora	White Tip	Enty- loma
(15)		B2916A10-4-2, E x BR. 5 <i>not as good as EP, some thought had in 3rd series, 4th series</i>	F 15	15	7/24 8/3	8/12 8/20	38			25	+	+	h
			G	74									
			G	118									
			G	134									
								8/25					
(29)		B2916A12-2-1, E x BR 16 <i>Uni E cut guard</i>	F 16	16	7/24 8/3	8/8 8/19	37			15	+	+	h
			G	68									
			G	115									
			G	138									
								8/25					
(20)		B2917A21-2-2-1-1, BR x CG. 6 <i>Panelled rather closely, but many of them. Not as good as Var 34 in any replication</i>	G 17	17	7/30 8/8	8/16 8/23				25	+	+	h
			G	83									
			G	123									
			G	141									
								8/25					
(7)		S2920A17-4-4-5-3, IBR x F <i>Die</i>	F 18	18	7/25 8/4	8/9 8/20	35			25	0	+	+
			(Stuttgart) F	79									
			(Ark.) F	128									
			F	143									
								8/25					
(5)		S2920A17-4-4-9-1, IBR x F <i>Uni E</i>	F 19	19	7/24 8/5	8/12 8/24	34			25	0	+	+
			(Stuttgart) F	87									
			(Ark.) G	132									
				135									
								8/31					
(25)		S2920A17-4-4-1-4, IBR x F <i>Die</i>	F 20	20	7/24 8/4	8/12 8/20	33			20	0	+	+
			(Stuttgart) P	82									
			(Ark.) F	122									
			P	136									
								8/25					
(4)		S2920A32-5-5-6-7, IBR x F <i>Uni E</i>	F 21	21	7/23 8/5	8/15 8/22	33			20	+	+	h
			(Stuttgart) G	73									
			(Ark.) G	125									
			G	147									
								8/25					

DAYS TO MATURITY FROM		YIELD DATA			TEST	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE	BU.	PER BU. (LBS.)	HEAD TOTAL	RICE RICE
			BU. LBS. BBL.				

8	192							no com. value acc. to head standing
	284							
	201					5.8	20.5	253 25
	269				143	5.8	19.5	236 83
	946	31.5	1419	43	73.2	75.7	1.0	244 232 Med. Partly, sl. dy. color
15	181							good uniform early
	235							long grain type, better than 2.10
	213					6.8	24.0	253 25
	226				146	6.7	22.5	236 85
	855	28.5	1282	44	72.6	76.7	tr	244 240 Med. Partly, sl. ob. color
11	190							heavy plot, promising maybe too late
	273							
	231					5.2	20.0	285 25
	210				148	5.2	19.0	265 88
	924	30.1	1356	43	71.3	75.7	0.3	275 252 Med. Partly
4	224							Dr. reg. - lit. Probably most promising of all I have seen
	289							
	245					6.0	20.5	242 25
	264				151	6.0	20.5	242 90
	1032	34.0	1533	37	71.2	75.7	0.6	247 260 Med. Partly
2	210							This line may be good as 18 but in little later in maturity
	302							
	249					6.1	20.5	236 25
	297				152	6.0	18.5	208 85
	1058	35.2	1587	42	66.4	75.8	tr	222 240 Partly Probably decided
13	184							
	221							
	227					6.2	20.5	231 25
	261				160	6.4	20.5	220 89
	893	34.7	1340	41	65.7	74.6	0.4	224 250 Med. Partly
1	212							Med. uniform in lot than 18. SPR. Fresh, thick color.
	291							
	278					5.8	20.5	253 25
	279				161	5.8	19.5	236 92
	1060	35.3	1590	44	69.1	76.3	tr	244 268 Med. Partly, dy. color

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG.		SHAT- TERING	DISEASE		
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip
(36)		S 2920A17-2-6-2-1, IBR x F	F 22	22	7/24 8/3	8/12 8/21	34		25	0-6	+
		(Stuttgart, P)	80								
		(Ark. P)	112								
		F	139								
						8/25					

Discard

2- Loret

4- Ark. Early Blue Rose

15- B2916A10-4-2

18- S2920A17-4-4-5-B

20- S2920A17-4-4-1-4

22- S2920A17-2-6-2-1

Superior to S.W. + Edith acc. less downy mildew

Similar to EP.

Superior EP type, tendency to produce elongated
Similar to other Ark. 2BRs 7-

1940 no.

Add to Early group

✓ 17 X C 2920A41-2-2 (Crossed)
✓ 7 X C 2913A5-1-5 (")
✓ 4 X A-5-1C (2xBR) (")

~~2920A5-1-1~~

~~2920A2-1-1~~

✓ 20 X 140 B3710, genuine

✓ 23 X 191 2913A6-2-1-1-1 Cox BR.

✓ 27 X 190 2911A32-2-2-2-4 KxH

✓ 32 X 195 2916A24-1-1-1-1 Ex BR.

✓ 33 X 88 Shis Banya (trans from late group)

✓ 34 X 133 B374, BR

✓ 35 X 139 B379, EP

✓ 37 X 226 S2920A17-4-4-1-1, 2BR x F

DATE		YIELD DATA		TEST		MILLING	
PLANT	STAGE	QMS.	ACRL	PER	BU.	HEAD TOTAL	
FROM	1ST	PER	BU.	LBS.	BBL.	RICE	RICE
EMERG.	HEAD	ROW					

192.

215

186

164

5.9 18.5 214 25

5.9 17.5 197 91

Dried Pacts, shy odor

Threshed Sept 21

T. S. No.	C. I. No.	VARIETY NAME OR SELECTION NUMBER	DATES					PLANT LODG.		SHAT- TERING	DISEASES			
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %				H.O.	Cerco- spora	White Tip	Light omg.
19801	5883	Early Prolific <i>(1938 Field Plots.)</i> cut guard <i>Disi</i> <i>Crowley stream</i> <i>substituted</i>	G 23	23	7/24	8/2	8/17	8/22	9/25	38	25	+	+	+
			VG	63					9/25					
			G	108					9/21					
			G	169					9/25					
16		Early Prolific Sel. (Cal-6) <i>Disi</i> <i>regular type</i> <i>spring stream type</i> <i>Japanese rice</i>	G 24	24	7/21	7/29	8/11	8/20		39	25	+	+	+
			G	47										
			G	89										
				156					9/25					
33		Edith <i>Bmt E</i>	(Bay City, Texas) G 25	25	7/26	8/4	8/10	8/19		36	25	+	+	+
			G	56										
			G	96										
			G	158					9/25					
19		Edith, 321 <i>cut guard</i> <i>Disi</i>	25 VG 26	26	7/27	8/5	8/13	8/19		37	25	+	+	+
			VG	45										
			G	110										
			G	176					9/25					
22		Edith, 322 <i>Bmt E</i>	35 G 27	27	7/27	8/5	8/12	8/19		36	25	+	+	+
			G	62										
			G	102										
			VG	167					9/25					
44		Lady Wright (Cal-31) <i>Disi</i>	32 F 28	28	7/18	7/24	8/4	8/12		35	20	+	+	+
			G	53										
			F	93										
			F	162					9/25					
39		Lady Wright, 8364 <i>Disi</i>	37 F 29	29	7/25	8/2	8/10	8/19		35	35	0	+	+
			F	65										
			P	98										
			F	157					9/25					

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Remarks (field)
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE	YIELD		HEAD	TOTAL RICE	
			BU.	LBS.	BBLs.			
10		211						
		221						
		210						
		262				167		
		904	30.1	1356	43	72.1	77.4 0.2	
8		217						
		220						
		264						
		241				168		
		942	31.4	1413	41	75.0	77.4	
16		184						
		183						
		206						
		237				171		
		810	27.0	1215	43	73.0	77.9 0.1	
9		200						
		252						
		204						
		263				175		
		919	30.6	1378	42	74.1	78.0 0	
11		220						
		207						
		195						
		281				178		
		903	30.1	1351	43	73.0	77.7 0.1	
22		140						
		165						
		147						
		231				183		
		683	22.7	1024	42	69.9	74.5 0	
19		165						
		198						
		155						
		207				186		
		725	24.1	1088	43	69.9	76.5 0	

Volume
250 whole
milled (female)
not cooked 20
not included in cooking

Pasty

more phlophenous than regular ep.

Pasty

not so uniform in lot as regular Edith

Pasty, sl. dry odor

Best looking Edith

Pasty, dry odor

appears to be more discolored + more starchy head than Edith 321

Pasty, sl. dry odor

Too early,

med Pasty, sl. dry odor

Uniform lot, better than Edith but probably not good enough for soona.

light green color than Edith.

more like Edith

Pasty, dry odor

T.S. No.	D.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES					PLANT LODG.		SHAT- TERING	DISEASES		
					HEADING 1st FULL	1st FULL	1st FULL	1st FULL	1st FULL	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip
(40)		Shoemed, B365	124	F	30	30	7/27 8/5	8/13	8/26	8/31	34		15	0-0	+
				P		51				8/31					
				P		109				9/1					
				P		172				9/31					
19889		3625 Shoemed, Ct.	VG	31	31	8/2	8/12	8/17	8/30	8/31	40		15	0-0	+
(24)						66				9/31					
						91				9/31					
						155				9/31					
(8)		B323A5-8-1-1-1, RxSBR	142	G	32	32	7/26 8/2	8/12	8/23		37		30	0-0	+
				G		61									
				G		95									
				G		175									
										9/25					
(13)		B2916A25-2-1, ExBR	129	F	33	33	7/27 8/6	8/16	8/25	8/25	37		25	+	+
				F		48				9/31					
				G		107				9/31					
						161				9/31					
(26)		B2917A29-7-1-1-1-1, BRxCG	136	VG	34	34	8/2 8/12	8/19	8/24		40		25	+	+
				VG		55									
				VG		100									
				VG		159									
										9/25					
(39)		B2914A14-2-1-1, CAxBR	28	P	35	35	8/4 8/13	8/19	9/30	9/31	33		35	+	+
				P		60				9/31					
				P		94				9/31					
				P		168				9/31					
(35)		B283A5-4-4-1, EXF	29	G	36	36	7/24 8/1	8/8	8/19		36		20	+	+
				F		49									
				G		103									
				G		174									
										9/25					

DAYS TO MATURITY FROM PLANT EMERG.		YIELD DATA			TEST PER BU. (LBS.)		MILLING DATA											
1ST HEAD	ROW	GMS. PER	ACRE YIELD	BU.	LBS.	BBLs.	HEAD TOTAL RICE	RICE										
20	152																	
	173																	
	165								5.0	17.0	240	25						
	214						189		5.0	16.5	230	90						
	704	23.4	1056	46	41.3	74.1	0				235	260						Med. Partly, flower
12	214																	
	200																	
	240								5.1	16.0	214	25						
	240						192		5.0	16.5	230	88						
	894	29.2	1341	48	54.8	75.3	0.2				222	252						Med. Partly
4	247																	
	225																	
	255								5.6	18.0	221	25						
	292						194		5.6	17.5	212	81						
	1019	33.9	1528	44	59.6	79.4	tr				216	224						Med. Partly
6	221																	
	237																	
	211								6.7	20.0	199	25						
	279						198		6.8	21.5	216	87						
	948	31.6	1422	43	56.8	76.9	0				208	248						Partly
13	260																	
	184																	
	202								5.0	18.5	270	25						
	240						199		5.1	18.0	253	86						
	886	28.5	1329	43	71.6	76.4	1.4				261	204						Med. Partly
18	197																	
	188																	
	182								5.0	16.0	220	25						
	211						204		5.1	16.5	224	87						
	778	28.9	1167	38	72.6	75.7	0.3				222	248						Med. Partly
17	201																	
	188																	
	162								7.0	23.0	229	25						
	252						206		7.0	24.0	243	80						
	803	26.7	1204	39	68.7	78.1	0.2				236	220						Partly

2 neg. lit. & moisture decrease
soluble panicle type. prod
disin

Of grain is satisfactory
but should be promising
early variety

Discard account sterile
panicles.

Very good grain. Short, may
be a little too tall.
Probably less desired than
2917A29-2 line.

discard acc. short
panicles when soon thick.

grad short too early
maturing.

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LODG.		SHAT- TERING	DISEASE		
			HEADING 1ST FULL	RIPENING 1ST FULL			HT. (IN.)	ING %		H.O.	Oereo- spora	W. d. e. m. s. Tip
	(3)	B283A2-4-5, EXF	31	G 37	37	1/29 8/9	8/16	8/23	38		25	++
				G	57							
				G	97							
				VG	160							
								8/25				
	(14)	B283A2-10-2, EXF	34	V.G. 38	38	8/2 8/12	8/19	8/24	37		25	++
					52			8/25				
					106			8/31				
				VG	166			8/31				
								8/25				
	(30)	B283A3-3-4-1, EXF	38	39	39	8/8 8/16	8/20	8/29	37		20	0-0
					50			8/31				
					92			8/31				
					164			8/21				
	(2)	B2913A24-1-1-1, CxBR	39	V.G. 40	40	8/12 7/24	8/1	8/13	31		25	++
				V.G.	46							
				G	104							
				G	171							
								8/25				
	(1)	B283A2-5-7, EXF	40	VG 41	41	1/29 8/7	8/12	8/21	41		20	++
				V.G.	64							
				V.G.	105							
				VG	173							
								8/25				
1611	(43)	1643 Honduras	41	P 42	42	1/29 8/7	8/11	8/20	38		25	++
				P	59							
				P	99							
				F	163							
								8/25				
	(12)	S2920A17-4-4-8-1, IBKXF		G 43	43	1/27 8/6	8/12	8/25	35		20	0-0
				F	58							
				F	90							
				F	170							
								8/25				

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG ¹		SHAT- TERING	DISEASES		
			HEADING 1ST FULL	RIPENING 1ST FULL	HAR- VESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	Wh- l.

(28) S2920A17-2-6-7-8, IBRXF. F 44 44 7/26 8/5 8/4 8/5 34
 Some straight head, irregular lat. (Stuttgart, S) 54
 Ark. F 101
 G. 165
 8/5

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA					
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE	LBS.	BBLs.	HEAD	TOTAL				
						RICE	RICE				

202
178

14

218
260

858 28.6 1287

220

38 68.0 771 lb

1
6.0 20.5 242 25
6.1 20.0 228 92
235 268

Probably diseased

Partly, obj'ed

Threshed Sept 23

T.S. No.	Q.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES			PLANT LODG.		SHAD- TERING	DISEASES		
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip
19799	(36)	1561-1 Caloro	51	45	177	8/2 8/13	8/22 9/4	38			25	0-0	T
		<i>cut group</i> <u>Uni M</u>			252	good, heads up well in row ripe							
					267	L							
					345	L							
19938	(38)	7786 Calady	50	46	178	8/3 8/13	8/20 9/30	39					
		<i>very fair, many short sterile panicles</i> <u>Uni M</u> <i>del-100</i>			254	v. fair, many short sterile panicles							
					278	L							
					335	L							
19889	(31)	3625 Shoetted, Ct.		47	179	8/3 9/10	9/16 9/28	40			20	0-0	
		<u>Uni M</u> <i>(all groups)</i>			260	L							
					274	L							
					351	L							
8076	(44)	1206 Delitus	48	48	180	8/5 8/13	9/19 9/30	38			25	0-0	
		<i>fair, deepening panicles under ripe</i> <u>Uni M</u>			257	v. fair, deepening panicles under ripe							
					271	light at, others							
					344	L							
19936	(15)	2702 NIRA	45	49	181	8/19 9/28	9/12 9/15	49			30	0-0	
		<i>cut group</i> <u>Uni M</u>			264	v. fair, good, tall							
					285	L							
					348	L							
9821	(9)	1344 Texas Fortuna	43	50	182	8/16 9/24	9/29 9/14	42			30	0-0	
		<u>Uni M</u>			245	good, appears heavier than Nira							
					277	L							
					346	L							
	(28)	Cicole Bred	44	51	183	8/16 8/23	9/31 9/14	40			35	0-0	
		<i>Disc</i>			259	fairly good, not as tall as Fortuna							
					266	L							
					334	L							

DAYS TO MATURITY FROM		YIELD DATA			TEST	MILLING DATA				Remarks (field)	
PLANT	1ST	ONS. PER ROW	BU.	LBS.	BBLs.	BU. (LBS.)	HEAD TOTAL RICE				
EMERG.	HEAD	ROW									
			ACRE			BED					
										</	

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG.		SHAY- TERING	DISEASE!		
					HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip
19892	(30) 4440		46	52	184	8/16	8/23	9/1	9/14	44		35	0-t	
					253	Rather heavy, undesirable. panicle (drop)								
					268	much very bad for leaf drying tendency								
					336	✓								
19915	(7) 4060		47	53	185	9/4	9/23	9/1	9/13	43		30	0-0	
					258	✓ good, much better looking than others.								
					234	✓								
					332	✓								
	(15)	B2912A13-2-2-1-1, KxBR	81	54	186	8/15	8/21	9/3	9/15	38		20	0-0	
		<u>Uni M</u>			244	✓ good, much better in 2nd series than								
					270	✓ in 1st, clean straw, no leaf drying								
					343	✓								
	(12)	C2914A6-3-1, CxBR	61	55	187	8/12	8/20	9/3	9/13	39		30	0-t	
		<u>Uni M</u>			255	✓ good, rather leafy and much disease.								
					272	✓								
					349	✓								
	(13)	S2914A18-3-8-13, CxBR		56	188	8/12	8/19	9/1	9/15	36		35	0-t	
		<u>Uni M</u>			263	✓ good, very uniform. Only lost a bit of leaf								
					283	✓ good, but a bit of leaf loss in field plot								
					338	✓								
9	(40)	Ah-5-18-2C, IxBR		57	189	8/5	8/14	8/18	8/31	36		15	0-0	
		<u>Uni M</u>			249	✓ good, rather short straw and relatively								
					279	✓ good, but a bit of leaf loss								
					347	✓								
	(36)	B283A3-5-4-1-1, ExF	57	58	190	8/8	8/16	8/20	9/1	44		30	0-t	
		<u>Bent M</u>			251	✓ rather promising, uniform fairly tall								
					286	✓ but not as tall as others								
					339	✓ good straw, better straw than 3-4-5 sel.								
						considerably sturdier 3rd								

DAYS TO MATURITY		YIELD DATA			TEST REQ.	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			BU. RICE	HEAD TOTAL RICE
			BU.	LBS.	BBLs.	(LBS.)	

14	188										
	250										
	156							4.5	18.5	311 25	
	290					229		4.6	15.5	237 96	
	984	29.4	1326	45	62.0	77.2	tc		274	284	Med flesky
	212										
7	229										
	245							6.4	21.0	228 25	
	288					240		6.4	21.5	236 93	
	974	32.4	1461	43	55.2	75.8	0		232	272	Med pasty, sl. dry odor
	254										
	265										
6	191							5.4	19.0	252 25	
	276					242		5.5	16.5	200 88	
	986	32.8	1479	42	73.7	76.5	0.2		226	254	Pasty, dry odor
	232										
	260										
4	224							5.9	17.0	188 25	
	315					247		6.0	18.0	200 98	
	1031	34.3	1546	38	74.5	78.0	0.4		194	242	Pasty, dry odor
	266										
	261										
5	227							6.0	19.0	217 25	
	263					250		6.0	17.0	183 83	
	1017	33.9	1526	41	73.4	76.7	tc		200	232	Pasty, dry odor
	191										
	185										
19	174							5.1	19.5	222 25	
	176					255		5.0	18.0	260 89	
	926	34.2	1089	39	64.0	74.5	0.3		271	256	Pasty, dry odor
	195										
	191										
16	162							6.0	21.0	250 25	
	222					261		6.0	20.0	233 98	
	979	25.6	1155	35	66.3	75.0	0.3		242	292	flesky

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODGE		CHART- TERING	DISEASES		
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	Whitefly Tip

(18) B283A9-3-2-1-1, ExF 78 59 191 8/15 8/23 9/2 9/6 41 25 0-0
Uni M
 243 good, looks quite similar to 283A11-1-2-1
 269 ✓
 331 ✓

(42) S2920A 32-3-11-4-1, IBrxF 50 192 7/30 8/8 8/18 8/31 38 30 h-t
 (Stuttgart, Ark.)
 246 ✓ Very poor, discarded, plant stem,
 281 ✓ short poorly filled panicles
 352 ✓

(5) S2920A42-6-1, IBrxF 56 61 193 8/5 8/14 8/24 9/4 44 30 + -
Uni M
 256 ✓ fairly heavy but too much leaf drying and
 273 ✓ too much disease
 350 ✓

(37) B32/A2-8-2-1, RxD 79 62 194 8/9 8/19 8/23 9/6 40 30 0-0
Uni M
 250 ✓ This strain is much heavier than the other RxD also, but not as
 282 ✓ heavy as R+ 7689
 337 ✓

(43) C32/A3-22, RxD 63 195 8/9 8/19 8/24 9/6 38 35 0-0
 (Crowley, La)
Uni M
 new strain from Crowley in 1940
 262 ✓ Wholly fair. Too strong short panicles
 275 ✓ too irregular in shape
 341 ✓

(44) B32/A2-6-1-1, RxD 67 64 196 8/6 8/15 8/22 9/2 40 30 0-t
 248 ✓ This strain ripens ahead of the earlier
 265 ✓ This 2-8-2-1 but the leaves die and are not uniform
 342 ✓

(10) C322A6-24, RxF 65 197 8/15 8/27 9/1 9/9 40 30 0-0
 (Crowley, La)
Uni M
 new strain from Crowley in 1940
 261 ✓ Very good - uniform and light
 280 ✓
 340 ✓

T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG.		SHAT- TERING	DISEASES		
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	Ht. (IN.)	ING %		H.O.	Cerco- spora	White Tip

(29)

*get out
PAL-11-2-3C*
RxD Self from Crowley
AK-11-2C
5x11
Dual
*(Crowley,
La.)*

66

198 8/31 9/9 9/20 10/1. 45
247 ✓ looks like a RxD sel.
276 Too late for this group in my stream
333 ✓

Crook Bud
CI-4060
CI-4440
AL-5-18-2C
B 283A 3-5-4-1-1
B 321A 2-6-1-1
S 2920A 32-3-11-4-1

Add:

75
83
86
87

7x1D 213b 1-10
2xBR 17x5-30
Rx7 322A 6-18

[illegible]

Treshed Sept 23

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES			PLANT LODG.		SHAT- TERING	DISEASES		
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip
(2)		B2916A12-1-1-1, EXBR	54	67	199	8/3 8/13 8/26 9/4	↑	4D			35	H-t	
		<u>Bunt M</u>			232	Fair leaves, too badly diseased, much hydropony, might be desirable for seed							
					289	like the above							
					317	9-11							
(1)		B2920A9-9-1-1, IBRxF	55	68	200	8/9 8/16 8/28 9/10	↑	43			25	to-t	
		<u>Bunt M</u>			225	Very heavy plant, Uniform lit. Leaves dry							
					291	Whole entirely too fast. Again the test							
					309	Because of uniformity of good yield.							
						9-11							
(27)		B283A9-6-1-2-1-1, EXF	58	69	201	8/12 8/23 8/31 9/8	↑	43			30	O-O	
		<u>Bunt M</u>			238	Suggested, Uniform lit. should not share							
					295	been removed from Uniform test.							
					313	9-11							
(39)		B2920A3-4-1-1-1, IBRxF	64	70	202	8/6 8/14 8/27 9/6	↑	42			25	O-O	
		<u>Bunt M</u>			240	Very promising type. In segregating for							
					293	Length of grain. smooth, good grain. too leaf							
					325	drying. Has a good yield. Type - poor in yield. Has much sterility.							
						9-11							
(7)		Cal x LW B3173-1	65	71	203	8/12 8/20 9/1 9/6	↑	40			30	to-t	
		<u>Bunt M</u>			235	Very uniform types, promising about							
					306	grain types.							
					311	9-11							
19889	(19)	3625 Shoemed, Ct.		72	204	8/2 8/11 8/16 8/28	↑	42			20	O-O	
		<u>Bunt M</u>			241								
		<u>at al</u>			307								
					321	8/28							
(41)		B2912A37-1-1-1-1, KxBR	70	73	205	8/9 8/19 8/30 9/10	↑	36			25	O-O	
		<u>Disci</u>			227	Poor much sterility. Insignificant							
					305								
					327	9-11							

DAYS TO MATURITY FROM PLANT EMERG.		YIELD DATA			TEST		MILLING DATA	
1ST HEAD	ROW	GMS. PER	ACRE YIELD	PER BU.	HEAD TOTAL		RICE	RICE
			BU. LBS. BBL.	(LBS.)				

Volume of
250 whole
milled kernels
not cooked
cooked
70
not included in
cooking 70

Remarks (field)

-2	265								
	304								
	308						7.3	20.0 174	25
	278					301	7.2	21.0 192	90
	1155	38.5	1732		36	62.8 77.0		183	260
-1	302								
	283								
	304						6.3	18.0 186	25
	311					302	6.2	18.5 198	89
	1200	40.0	1800		38	69.4 76.4		192	256
-16	195								
	206								
	267						6.4	17.0 166	25
	247					304	6.3	17.0 170	93
	915	30.5	1372		38	71.6 76.6		168	272
-21	208								
	144								
	202						5.8	18.0 210	25
	182					306	5.8	20.0 245	88
	736	24.5	1104		37	59.2 74.3		208	252
-6	287								
	281								
	250						6.2	17.0 174	25
	291					307	6.2	18.0 190	80
	1109	36.9	1664		43	66.7 77.6		182	220
-11	229								
	210								
	230						5.4	15.0 178	25
	281					308	5.4	15.5 187	90
	950	31.6	1425		47	59.5 76.8		152	260
-22	117								
	152								
	227						5.9	15.5 163	25
	201					309	5.8	16.0 176	84
	691	23.0	1036		41	73.6 76.6		170	236

Med Pasty, sl. sh. odor

Med flakey, sl. sh. odor

flakey, sl. sh. odor

Pasty, sl. sh. odor

Pasty, sh. sh. odor

flakey

Med Pasty, sl. sh. odor

T. 9. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG.		SHAT- TERING	DISEASES		
					HEADING 1ST FULL	RIPENING 1ST FULL			HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip
19882	(21) 1988	Acadia	72	74	206	8/14	8/20	9/3	9/15	↑	39	20	0-0	
					228	Only fair, considerably sterility in 4th series								
					300									
					330	9-11								
	(8)	B2912A47-1-1-1, KxBR	73	75	207	8/9	8/16	9/1	9/4	↑	41	30	0-0	
					239	Very close very good. Several more promising								
					299	than 2912A13 strains advance								
					314	9-11								
	(35)	B295A18-1-1-1, ExK.	77	76	208	8/11	8/19	8/30	9/7	↑	39	15	0-0	
					226	Very good straw type, few sterile								
					303	Panicles showing taller than KxBR and								
					328	Considerable sterility in 2nd & 3rd series								
						9-11								
	(3)	B2912A13-2-2-1-1, KxBR	149	77	209	8/13	8/19	9/3	9/15	↑	39	25	0-0	
					242	Good. Not as promising as in 1938								
					298	Very uniform and fine, heavy better								
					315	than other 2912A13 and								
						9-11								
	(33) 6796		209	78	210	8/12	8/19	9/3	9/15	↑	39	25	0-0	
					237	Good, looks heavier than Acadia								
					287									
					329	9-11								
	(23)	B295A18-2-2, ExK	82	79	211	8/11	8/18	8/30	9/6	↑	42	20	0-0	
					234	was good in 295A18-1-1-1, negatively but								
					302	Not as good a grain type								
					324	9-11								
	(22)	B283A5-10-6-2-1, ExF	83	80	212	8/12	8/20	9/1	9/6	↑	41	15	+	+
					222	Only fair. Very uniform type quite								
					297	Heavy but drying. Pick too rapidly								
					316	9-11								

Bunt M

Unim
cut grain

Bunt M

See 54

Bunt M

Bunt M

disc

DAYS TO MATURITY		YIELD DATA			TEST	MILLING DATA	
FROM	1ST	GMS.	ACRE YIELD			PER	HEAD TOTAL
PLANT	HEAD	PER	BU.	LBS.	BBL.	BU.	RICE RICE
EMERG.		ROW				(LBS.)	

209

270

237

220

936

31.2 1404

41

73.3 74.2 0.1

220

288

276

322

1106

36.8 1659

40

70.1 76.5 0.2

147

180

248

204

779

35.9 1168

38

55.1 76.3 0

254

291

286

305

1136

37.8 1704

41

74.9 77.0 0.1

219

215

186

237

855

28.5 1282

39

76.8 74.3 0.2

230

187

295

217

929

30.9 1394

40

66.0 74.8 0.2

244

182

261

248

935

31.1 1402

37

64.6 78.1 0.3

6.2 16.0 158 25

6.1 17.0 179 85

168 240

Partly, sl. oligodon

6.2 17.0 174 25

6.2 18.0 190 86

182 244

Med. fleshy, sl. oligodon

6.2 21.0 239 25

6.2 22.0 255 91

247 244

Fleshy, sl. oligodon

5.4 17.0 215 25

5.4 15.5 187 86

201 244

Med. Partly, sl. oligodon

6.0 16.0 167 25

6.0 17.0 183 82

175 228

Partly, sl. oligodon

5.2 18.5 256 25

5.1 18.0 253 93

254 272

Fleshy

6.5 18.5 185 25

6.5 19.0 192 86

188 244

Med. partly

T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER	DATES					PLANT LODG.		SHAT- TERING	DISEASES			
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %				H.O.	Cerco- spora	White Tip	Frty- long
(14)	6899	Guheki. (8199S, Calif.) <u>Bunt M</u>	81	213 8/14	8/21 9/3	9/16	↑	32			20	0-0		
				224	Very short, uniform, fairly heavy.									
				308	✓									
				310	✓ 9-11									
(32)		B321A2-S-3-1-2, RxD 157	82	214 8/6	8/17 8/26	9/3	↑	37			25	0-0		
				230	✓ Only fair, Irregular ht. ripening too									
				301	✓ rapidly, disc									
				326	✓ 9-11									
(11)		B322A4-2-3-1, RxF 163 <u>Uni M</u>	83	215 8/11	8/18 8/28	9/5	↑	45			35	0-0		
				231	✓ good, similar to Uni, very little shattering,									
				294	✓ Has shorter straw. Keep									
				312	✓ 9-11									
(20)		B322A2-2-2-1, RxF 74 <u>disc</u>	84	216 8/9	8/17 8/29	9/6	↑	39			35	0-0		
				233	✓ good, shatters too much, considerable									
				304	✓ chaff drying									
				323	✓ 9-11									
(16)		B323A2-8-2-1, RxsBR 166 <u>Bunt M</u>	85	217 8/6	8/15 8/28	9/15	↑	42			25	0-0		
				221	✓ Very good, appeared good enough to									
				292	✓ Advance 1940									
				319	✓ 9-11									
(4)		B3313A1-16-1, Rv7689 172 <u>Uni M</u>	86	218 8/10	8/17 8/28	9/7	↑	41			35	0-0		
				236	✓ Very good, Uniform plot heavier than other									
				288	✓ similar to Uni, Advance									
				322	✓ Very little shattering 9-11									
(6)	6869	Haya Ozeki (8199S, Calif.) <u>Uni M</u>	87	219 7/31	8/8 8/18	9/2	↑	32			25	0-0		
				229	✓ fairly good for type. In good soil									
				296	✓ Advance									
				318	✓ 9-11									

T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG.		SHAT- TERING	DISEASES			
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	J tip

34 6928 Shiro Beni ya Bunt E			88	220	7/23 8/2	8/13 8/20	↑	33			25	0-0
				223 ✓								
				290 ✓								
				320 ✓		8/31						

(1995, Calif.)

DAYS TO MATURITY		YIELD DATA			TEST	MILLING DATA	
FROM		GMS.	ACRE	L D	PER	BU.	HEAD TOTAL
PLANT	1ST	PER	BU.	LBS.	BBL.	(LBS.)	RICE RICE
EMERG.	HEAD	ROW					

✓ 19

218

162

173

232

338

785 26.1 1178

41 74.9 79.3 0.2

5.3 18.5 249 25

5.3 17.0 221 84

235 236

Pasty, sl oily odor

T.S. No.	C.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LOGG.		SHADE TERING	DISEASES				
					HEADING 1ST FULL	8/13	8/19	9/3	9/18	HARV- ESTED		HT. (IN.)	ING %	H.O.	Cerco- spora	White Tip
19882	(18)	1988 Acadia	72	89	353	8/13	8/19	9/3	9/18	↑	36		20	+	+	
		<u>Unit 2</u>			399 ✓											
					472 ✓											
					510 ✓					9-26						
	(40)	Unnamed Japanese	85	30	354	8/20	8/30	9/11	9/25	↑	33		25	+	+	
		<u>Unit 2</u>			408 ✓											
		<u>Unit 2</u>			466 ✓											
					502 ✓					9/26						
7183	(4)	1962 Blue Rose	87	31	355	8/19	8/28	9/10	9/24	↑	40		30	+	+	
		<u>Unit 2</u>			397 ✓											
					471 ✓											
					495 ✓					9-26						
19941	(14)	1779 Rexora	86	92	356	8/9	8/20	9/05	10/3	↑	41		30	0-0		
		<u>Unit 2</u>			407 ✓											
					461 ✓											
					499 ✓					10/11						
19889	(38)	3625 Shoemed, Ct.		93	357	8/2	8/11	8/16	9/27	↑	39		20	0-0		
		<u>Unit 2</u>			401 ✓											
					462 ✓											
					509 ✓					9/28						
	(2)	B2911A18-1-1, KxH	88	94	358	8/19	8/28	9/3	9/18	↑	39		25	0-0		
		<u>Unit 2</u>			410 ✓											
					454 ✓											
					496 ✓					9-26						
	(19)	B2912A42-2-1-2, KxBR 91		95	359	8/17	8/26	9/8	9/23	↑	39		30	+	+	
		<u>Unit 2</u>			409 ✓											
					468 ✓											
					503 ✓					9-26						

DAYS TO MATURITY FROM PLANT EMERG.		YIELD DATA			TEST PER BU. (LBS.)		MILLING DATA	
1ST HEAD	ROW	GMS. PER	ACRE	PER	BU.	HEAD TOTAL	RICE	RICE
			BU. LBS. BBLs.		(LBS.)			

Volume of
250 whole
milled kernels

not cooked
cooked increase

not included in
cooking 720

Remarks (field)

322

237

226

314

1099

194

214

152

224

774

302

257

285

412

1256

257

318

232

316

1123

199

229

199

244

1271

256

363

356

361

1336

186

323

279

314

1102

36.6 16.48

26.1 1176.

41.2 1384

27.4 1184

27.0 1306

44.5 2004

36.7 1653

46 59.0 79.1 0

42 70.5 78.4 0

43 73.6 77.5 0.2

46 55.9 74.6 1/2

48 56.3 76.1 0.1

44 66.0 78.2 0.2

45 55.7 76.4 1/2

339

340

341

347

353

354

355

5.9 17.5 197 25

6.0 19.0 217 91

5.0 16.0 228 25

5.2 16.0 208 83

6.4 19.5 205 25

6.4 18.5 189 80

4.6 18.0 291 25

4.6 16.0 248 89

5.4 17.5 224 25

5.4 17.0 215 92

5.2 19.0 265 25

5.2 17.0 227 92

6.2 19.0 206 25

6.3 18.9 194 85

207 264

214 232

197 220

270 256

220 268

246 262

200 240

V.G.

V.G.

V.G.

V. fleshy

Med Partly, sl. rhy. chr

Med Partly

V.G. Very much

Partly

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LOG.		STATE TERING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Ear- lobe
(9)		C2912A10-1, KxBR	94	96	360	8/14	8/20	9/5	9/19	↑	41	25	0-0		
		<i>Unit 2</i> <i>new strain from Crowley in 1940</i>			394 ✓										
					465 ✓										
					507 ✓				9-26						
(25)		S2912A15-1-8-1, KxBR (stall, ark)	97		361	8/12	8/20	9/4	9/18	↑	39	20	0-0		
		<i>Unit 2</i>			412 ✓										
		<i>Unit 2</i>			470 ✓										
					506 ✓				9-26						
(6)		S2912A9-2-8-1, KxBR (stall, ark)	98		362	8/13	8/23	9/4	9/19	↑	38	25	0-0		
		<i>Unit 2</i>			395 ✓										
					456 ✓										
					498 ✓				9-26						
(36)		S2912A15-1-8-3-1, KxBR (stall, ark)	99		363	8/10	8/19	9/2	9/17	↑	38	25	h-h		
		<i>Unit 2</i>			393 ✓										
					467 ✓										
					511 ✓				9-26						
(29)		S2912A15-8-6-1, KxBR (stall, ark)	100		364	8/9	8/18	9/1	9/17	↑	39	25	0-0		
		<i>Unit 2</i>			402 ✓										
					458 ✓										
					504 ✓				9-26						
(10)		S2912A34-2-1-3, KxBR	21	101	365	8/9	8/17	9/3	9/18	↑	41	20	0-0		
		<i>Unit 2</i>			400 ✓										
					469 ✓										
					493 ✓				9-26						
(22)		C2913A24-1, CoxBR (Crowley, La.)		102	366	8/15	8/23	9/4	9/12	↑	38	20	h-h		
		<i>Unit 2</i> <i>new strain from Crowley in 1940</i>			404 ✓										
					460 ✓										
					501 ✓				9-26						

BA S T S		YIELD DATA			TEST MILLING DATA									
FROM PLANT ST EMERG. HEAD	GMS. PER ROW	ACRE BU. LBS. SBL.	BU. (LBS.)	HEAD TOTAL RICE	RICE									
5	258													V. G. Clean straw, low
	342					5.8	17.0	193	25					General show some de
	231					5.8	16.5	184	84					but not more than BK
	334				356					188	236			Pasty, v. al odor
	1165	38.8	1748	43	71.0	78.3	0							
14	209													good
	295													
	263					6.0	18.5	208	25					
	277				358	5.9	18.0	205	89					
	1044	34.8	1516	44	35.9	77.8	0.0			206	256			Med Pasty
4	224													Fairly good
	285													
	308					6.2	19.0	206	25					
	387				359	6.2	18.5	198	80					
	1209	40.1	1806	45	66.4	80.3	0			202	220			Pasty, al odor
18	195													Only fair
	237													
	249					5.6	18.0	221	25					
	222				363	5.5	18.0	227	82					
	903	30.1	1254	45	54.0	77.7	0			224	228			Pasty, al odor
16	241													good
	235													
	257					5.8	17.0	193	25					
	252				366	5.8	17.5	202	90					
	985	32.8	1478	45	41.0	77.5	0.0			198	260			Pasty
6	259													V. G. more of a Jago
	261													straw type than paddy
	250					5.8	18.5	214	25					al odor
	373				368	5.8	18.0	210	81					
	1143	38.1	1714	46	66.8	78.2	0			214	224			Med fleshy, al odor
12	253													Fairly good
	255													
	231					5.4	18.0	233	25					
	312				370	5.5	17.0	209	87					
	1051	35.0	1576	46	60.6	78.7	0			221	248			Pasty

			DATES				PLANT LODG.		SHAK- TERING	DISEASES			
T. S.	O. I.	VARIETY NAME	HEADING	RIPENING			HT.	ING					
No.	No.	SELECTION NUMBER	1ST FULL	1ST FULL	HARV- ESTED		(IN.)	%		H.O.	Cerco- spora	White Tip	Enty- loma

(26) B2913A31-2-1-4, COXBR 93 103 367 8/15 8/22 9/7 9/8 ↑ 39 25 t-t
 Unit 2
 396 ✓
 464 ✓
 500 ✓ 9-26

(3) C2954-3, BR 104 368 8/19 8/28 9/14 9/26 ↑ 40 30 a-a
 (Crowley, la.)
 411 ✓
 453 ✓
 494 ✓ 9-26
 Unit 2
 new strain from Crowley in 1940

(24) C321A4-11-2, RxD 105 369 8/31 9/10 9/18 9/30 ↑ 43 25 a-a
 (Crowley, la.)
 406 ✓
 457 ✓
 512 ✓ 10/3
 Unit 2
 new strain from Crowley in 1940

(15) B321A2-1-2-2, RxD 106 370 9/6 9/15 9/21 10/1 ↑ 44 25 a-a
 403 ✓
 459 ✓
 505 ✓ 10/3
 Unit 2
 new strain from Crowley in 1940

(35) B324A1-8-2-1, KXS094 107 371 9/30 9/10 9/16 9/17 ↑ 43 25 a-a
 398 ✓
 463 ✓
 497 ✓ 10/3
 Unit 2
 new strain from Crowley in 1940

(2) B2914A36-4-1-1, COXBR 95 108 372 8/17 8/28 9/14 9/25 ↑ 38 22 (b-t)-a
 405 ✓
 455 ✓
 508 ✓ 9-26
 Unit 2
 new strain from Crowley in 1940

S 2912A15-1-8-6-1

15-1-8-1

15-1-8-3-1

B 321A7 21-2-2 substitute

add
 Asahi
 B 321A2-5-1-1 sub for (2-1-2-2)
 Crowley BK x R Beckerwald

DAYS TO MATURITY FROM		YIELD DATA			TEST PER		MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRL BU.	LBS. SBL.	BU. (LBS.)	HEAD TOTAL RICE		

206

252

232

312

1002

273

338

317

362

1290

236

238

264

307

1045

287

250

263

317

1117

227

250

211

247

935

220

260

284

305

1069

33.4 1503

43.0 1935

34.8 1568

37.2 1676

31.1 1402

35.0 1604

45 67.4 77.0 0

44 70.9 77.0 0

45 55.8 74.6 1.2

47 69.5 75.8 1.2

44 59.8 73.9 0

45 68.9 76.9 1.2

371

372

373

375

376

380

6.0 18.5 208 25

6.0 17.0 183 79

196 216

6.4 19.0 197 25

6.4 17.5 173 82

185 228

5.2 17.5 237 25

5.2 17.5 237 92

237 268

4.6 16.5 259 25

4.6 16.0 248 91

254 264

4.5 17.0 278 25

4.4 15.5 252 92

215 268

5.4 16.0 196 25

5.4 16.5 206 71

201 216

Good, but too much
drying & discoloration

Pasty

V.G. Has a rather light
color to brown & a moderate
discoloration to H.S. grain

Med Pasty

Irregular but good.

flaky, flavor

V.G. uniform, flavor.

much better than 107

Has heavier straw & less

discoloration

flaky, flavor

Good, more dry

drying than 106 & 120

Better than 105.

v. flaky, v. odorous

Good, should be

retained in this group

flaky.

DAYS TO		YIELD DATA			TEST		MILLING DATA	
MATURE FROM	3VS	ACRE YIE. D			PER BU.	HEAD TOTAL		
PLANT EMERG. HEAD	15' ROW	BU.	LBS.	BBLs.	(LBS.)	RICE	RICE	

191

216

226

311

744 31.4 1416

270

233

301

320

1124 37.4 1686

203

245

241

294

783 32.7 1474

151

234

210

223

818 27.2 1227

272

275

282

310

1139 37.9 1708

192

215

257

313

177 37.5 1466

205

237

205

247

894 29.8 1341

409

47 69.0 75.8 tr

410

44 70.9 76.8 tr

412

44 48.7 75.6 0

413

46 50.2 75.0 0

421

47 55.9 75.3 0.1

422

45-43.4 75.6 0.1

424

42 72.2 76.4 0.0

5.6 15.0 168 25

5.5 17.0 209 87

188 248

med Partly, sl ody odor

5.9 15.5 163 25

5.8 17.5 202 79

182 216

Partly, sl ody odor

5.8 16.5 184 25

5.8 18.0 210 82

197 228

fleshy, sl ody odor

4.6 17.0 270 25

4.6 17.0 270 87

270 248

fleshy, sl ody odor

5.1 18.0 253 25

5.2 17.5 236 86

244 244

106 in 1st class, average

and some flowers, some thin

stem & leaves good

less than others very little

leafy

Return poor, low yield

leafy, rather dry

5.1 17.0 233 25

5.1 17.5 243 96

238 284

fleshy

4.5 14.0 211 25

4.4 15.0 241 86

226 244

med fleshy, sl ody odor

T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER	D A T E S			PLANT LODG.		SHAT- TERING	DISEASES			
			HEADING 1ST FULL	1ST FULL	1ST FULL	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Enty- oma

(19) Set B354 ^{RPR} 103 123 387 8/23 9/3 9/15 9/30 39 25 0-0
 424 ✓
 441 ✓
 487 ✓
Bunt I

(33) B323A1-11-4-1-1, R5BR 198 124 388 8/31 9/8 9/18 10/1 41 30 0-0
 427 ✓
 433 ✓
 480 ✓
disc

(19) B324A4-5-2-1-1, R5094 203 125 389 9/2 9/10 9/19 9/30 42 25 0-0
 413 ✓
 447 ✓
 477 ✓
Bunt I

(27) B2920A13-2-2-1-1, IBRXF 186 126 390 9/16 9/16 9/25 10/2 45 20 0-0
 432 ✓
 449 ✓
 474 ✓
Bunt I

(25) Old Style Blue Rose (ark) (Stuttgart, A.K.) 127 391 8/15 9/22 9/15 9/10 40 30 1-1
 423 ✓
 435 ✓
 484 ✓
disc
 9-26

(11) ASAHI (farmer) 128 392 9/17 9/27 9/16 9/19 35 30 0-0
 415 ✓
 451 ✓
 489 ✓
Unit I
 9-26

DAYS TO MATURITY			YIELD DATA			TEST	MILLING DATA	
PLANT	IS	FROM	MS	ACRE	YIELD	PER	BU.	HEAD TOTAL
EMERG.	HEAD	ROW		BU.	LBS.	BBL.	(LBS.)	RICE RICE

243

270

248

324

1085 32.1 1678

213

201

262

288

964 32.1 1446

263

310

256

320

1149 32.3 1724

233

201

300

268

1002 33.4 1503

270

248

253

216

987 32.9 1480

265

275

237

362

1139 37.9 1708

425

46 64.0 74.6 tr

427

45 53.2 75.0 0

428

46 63.7 75.6 tr

432

39 62.8 76.0 0

439

45 62.9 75.3 0

452

42 66.0 77.9 0

4.5 15.5 244 25

4.5 15.0 233 88

208 252

5.0 17.5 250 25

5.0 17.5 250 87

250 248

4.6 15.5 237 25

4.7 16.0 240 90

238 260

5.6 17.5 212 25

5.6 17.0 204 81

208 224

5.6 17.5 212 25

5.6 17.5 212 85

212 240

5.4 16.5 206 25

5.5 17.0 209 85

208 240

Fairly good, considerable dead heads at base.

good.
med party, slaty odor

flaky

Very good,

flaky, slaty odor

good. Clean stripes, some sterility, but very good for a 0.

Partly, slaty odor

Only fair, very badly diseased.

med party, slaty odor

Good, fairly clean, some sterility, no flaking

Partly, slaty odor.

T brushed - Sept. 22

later in this test cut on 9/28/39 under otherwise noted

T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LODG.		SHAT- TERING	DISEASES			
			HEADING 1ST FULL	8/4	8/16	8/23	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Enty- loma
<u>Prel E</u>		Blue Rose-B368	117	129	513	7/26	8/4	8/16	8/23	36	25	h-t	h
					551								
					596								
<u>disc</u>		Blue Rose-B371	2116	130	514	7/25	8/4	8/16	8/23	39	25	+-+	+
					572								
					575								
<u>Prel E</u>		Blue Rose-B372	2117	131	515	7/26	8/4	8/16	8/23	40	25	+-+	+
					558								
					591								
<u>disc</u>		Blue Rose-B373	2118	132	516	7/27	8/4	8/17	8/23	39	25	+-+	+
					567								
					595								
<u>Route</u>		Blue Rose-B374	2119	133	517	7/30	8/8	8/20	8/28	38	25	+-+	+
					560								
					578								
<u>disc</u>		Early Prolific-B3214	2	134	518	7/29	8/8	8/20	8/24	37	25	+-+	+
					563								
					592								
<u>Prel E</u>		Blue Rose-B375	2121	135	519	7/28	8/4	8/17	8/24	42	25	h-t	+
					549								
					582								
<u>disc</u>		Blue Rose-B376	2122	136	520	7/30	8/8	8/20	8/28	39	25	h-t	+
					544								
					588								
<u>disc</u>		Blue Rose-B377	2123	137	521	7/27	8/5	8/16	8/24	36	25	+-+	+
					562								
					576								
<u>Route</u>		hater-B378	2125	138	522	8/14	8/22	8/29	9/6	41	25	0-0	
					547								
					584								

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD	BU. LBS. BBLs.		HEAD TOTAL RICE	RICE

224

223

208

655

24.5

1553

43

200

220

246

166

35.1

1579

42

261

227

223

711

37.5

1656

43

190

204

230

624

32.9

1480

42

224

258

293

775

40.8

1838

42

217

231

262

710

37.4

1653

42

186

251

305

742

39.1

1759

43

238

215

205

658

34.7

1560

41

195

207

250

652

34.4

1546

41

177

163

275

615

39.4

1458

44

Volume of

250 whole
milled kernels
not cooked 70

25

89

256

25

87

248

25

81

224

25

85

240

25

79

216

25

79

216

25

79

216

25

79

216

25

79

216

25

79

216

25

79

216

25

79

216

25

79

216

25

79

One of best looking plants
less discoloration

Pasty

Pasty, slightly odor
One of best looking plants
less discolorationMed Pasty, slightly odor
FairPasty
Some straight in bet
Very good in bet & 3rdMed Pasty
Inner stem and more
uniform than adjacent plants

Taller than others, good

Med Pasty, slightly odor
FairMed Pasty
Rather dry - some startingFlaky
Too large and dry

Med Pasty, slightly odor

T.S. No.	S.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES					PLANT LODG.		DISEASES					
			HEADING 1ST FULL	RIPENING 1ST FULL				HARV- ESTED	HT. (IN.)	ING %	SHAT- TERING	H.O.	Cerco- spora	White Tip	Enty- loma
		Early Prolific, B379	2143	139	523	7/29	8/5	8/20	8/24	40		25	+	+	
					556										
					585										
		Guiginto, B3710	2145	140	524	7/29	8/7	8/15	8/25	38		20	h-h	+	
					565										
					589										
		B3713, ExBR	2473	141	525	8/5	8/15	8/28	8/31	41		20	+	+	h
					555				8/31						
					601				8/31						
19889		3625 Shoemed, Ck.		142	526	8/6	8/15	8/23	8/30	40		15	0	0	
					545				8/31						
					602				8/31						
		B351, (241/17/27-322) (Cot. 10/10)	118	143	527	8/11	8/7	8/30	9/6	34		25	0	0	
					568										
					577										
19945		Tamasari, 218-1-8-2	119	144	528	7/29	8/7	8/17	8/26	37		20	0-0	h	
					552										
					598										
		B329A2-4-1-1, MaxBR 121		145	529	8/6	8/16	8/26	8/31	39		30	+	+	
					571				8/31						
					583				8/31						
		B283A2-2-3-1-1-2, EXF 2006		146	530	7/26	8/4	8/13	8/24	39		25	+	+	
					546										
					581										
		B283A3-5, EXF	2016	147	531	8/9	8/17	8/23	8/31	42		25	0-0	0	
					561				8/31						
					600				8/31						
		B283A3-7-8, EXF	2019	148	532	8/5	8/15	8/20	8/30	42		25	h-h	h	
					569				8/28						
					580				8/28						

DAYS TO MATURITY FROM			YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	1ST HEAD	PER ROW	BU.	LBS.	BBLs.		HEAD TOTAL RICE	RICE

207

201

194

602 31.7 1427 42

250

209

247

706 32.2 1674 43

243

236

265

744 31.2 1764 40

178

237

222

637 33.6 1510 46

222

257

253

732 38.6 1736 43

174

194

229

597 31.5 1445 42

92

91

190

363 19.1 861 43

226

174

269

669 35.3 1586 43

240

217

241

698 36.8 1655 40

215

228

222

665 35.0 1577 40

Space low
plot of this strain

not typical Pacific, sp.
Uniform

25

87

236 Partly, slightly low
light green, nice, uniform
than adjacent rows go

25

91

264 Zenith type
light green, slightly mottled
for a slight milling type
med flaky
later than Pacific, fairly
E. in this strain

good

Uniform, lit & plant
rather short, Panicle short
Excellent in P.S. new
Advance excellent
texture of grain

Decad, acc sterility.

Fairly heavy, good strain type
creamy-hued color.

Heavy plot appears
dry, but to be really

T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER	DATES					PLANT LODG.		SHAK- TERING	DISEASES				
			HEADING 1ST FULL	RIPENING 1ST FULL				HARV- ESTED	HT. (IN.)		ING %	H.O.	Cerco- spora	White Tip	Enty- loma
	<i>PrdM</i>	B2914A36-3, CA x BR 2035	149	533	8/5	8/13	8/28	9/2	9/2	37		25	T-T		
				550											
				599											
	<i>PrdE</i>	B317A23, WA x F 2059	150	534	7/17	7/30	8/10	8/23		38		25	0-0		h
				570											
				573											
		B2916A5-2-1, EXBR 127	151	535	7/27	8/6	8/12	8/23		37		25	+-+		h
	<i>disc</i>			543											
	<i>disc</i>			594											
		B2916A28-4-2, EXBR 130	152	536	8/7	8/14	8/26	8/29		38		15	+-+		0
	<i>disc</i>			566											
	<i>disc</i>			597											
		B2916A34-3-3-1, EXBR 133	153	537	8/1	8/10	8/19	8/28		38		25	+-+		h
	<i>PrdE</i>			553											
				593											
		B2917A29-2-2-1-1-1, BR x CG 135	154	538	8/3	8/13	8/20	8/24		40		20	+-+		h
	<i>disc</i>			564											
				579											
		B2918A7-4-1-1-1, BR x D 137	155	539	8/1	8/13	8/19	8/26		37		15	0-0		h
	<i>disc</i>			554											
				587											
		B321A2-2-2, R x D 2066	156	540	7/29	8/8	8/19	8/28		42		30	h-h		+
	<i>disc</i>			548											
				574											
	<i>disc</i>	B321A2-7-1-1-1-2, R x D 2073	157	541	8/13	8/23	8/28	9/10	9/1	41		20	0-0		h
	<i>PrdM</i>			557											
				586											
		B3313A1-20-3, R x 7689 2101	158	542	8/2	8/13	8/20	8/29	8/31	40		25	h-0		0
	<i>disc</i>			559					4/28						
				590					4/28						

DAYS TO MATURITY FROM		YIELD DATA			TEST	MILLING DATA	
PLANT	1ST	GMS PER	ACRE YIELD			PER	HEAD TOTAL
EMERG.	HEAD	ROW	BU.	LBS.	BBLs.	BU. (LBS.)	RICE RICE

207

233

255

695 36.6

1648

37

Excellent milling

273

261

251

785 41.4

1861

44

158

223

180

561 29.6

1330

42

148

171

205

524 27.6

1242

39

Excellent texture no
Conchostony grains

224

258

248

730 38.5

1731

41

Temporary

212

261

288

761 40.1

1804

41

210

227

226

663 34.9

1572

41

224

248

305

777 40.9

1842

41

227

197

253

677 35.7

1605

44

182

208

175

565 24.8

1340

42

Tendency to show change
color in last spreading stage

25

85

240

Med party
light green leaf, fairly hard
Japan type.

Considerable sturdiness

Fairly free from H. & A. but has
drying tendency + some form

good, uniform

good with superior
to the D. & C. in the rice.
drying back too rapidly
discard, not strongDesired acc. what trans-
parent. Re quite resistant to
diseaseDesired med. look like rice.
cutting in T. or tall

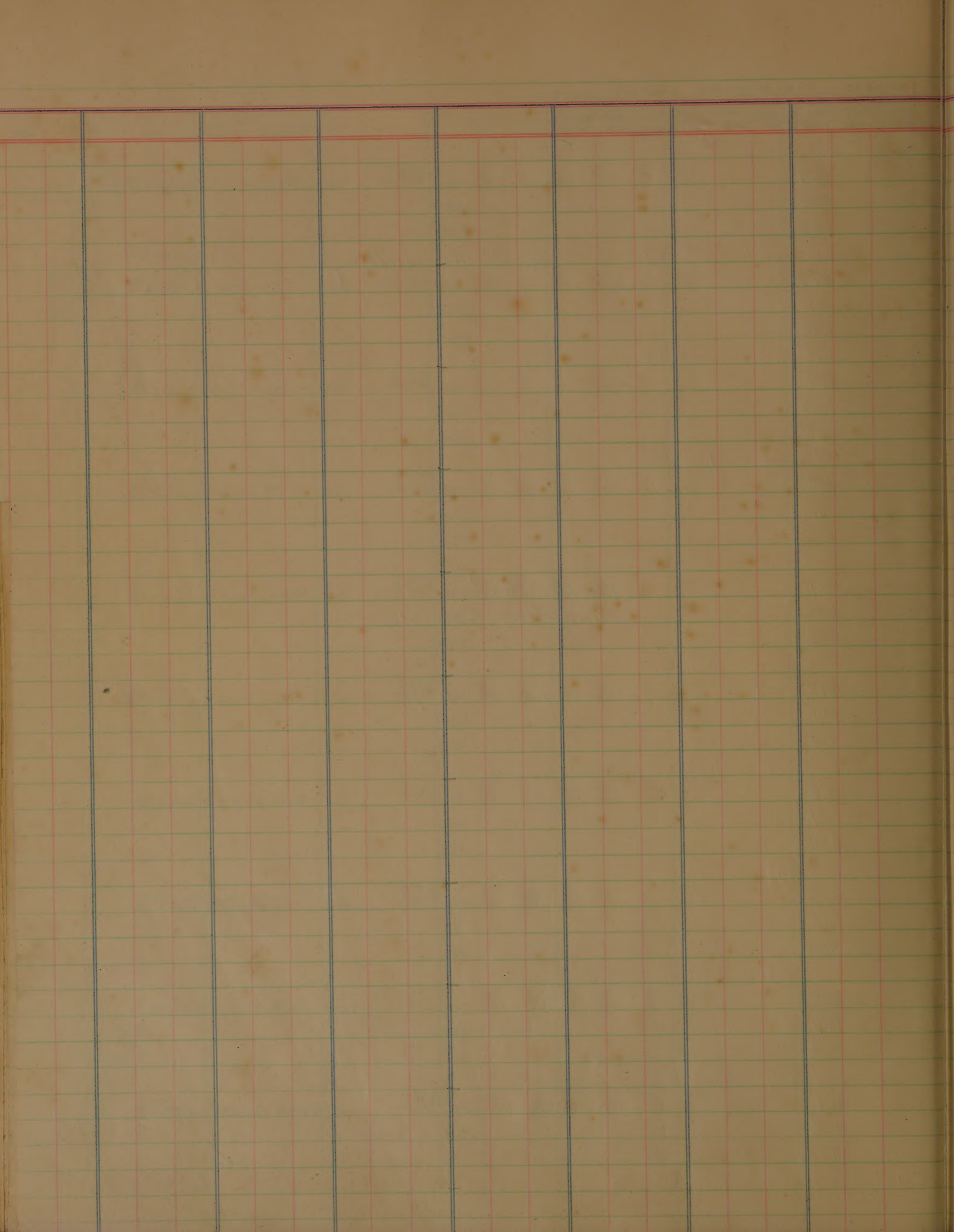
25

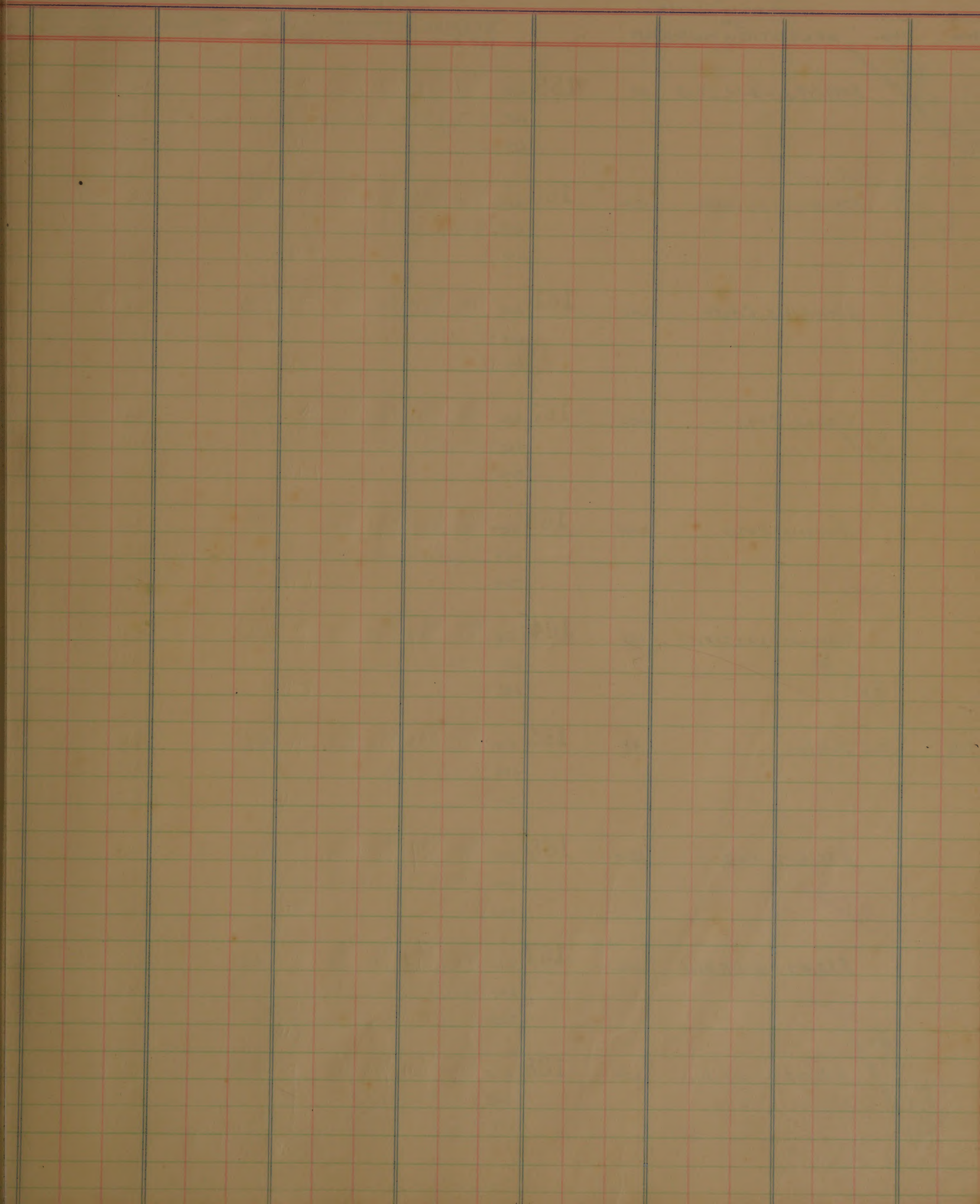
92

268

Fairly good but not very set
very narrow & R. & D. also

Party, dry rice





T finished Sept 22

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LODG.		DISEASES H.O. Cerco- spora White Tip Enty- loma
			HEADING 1st FULL	RIPENING 1st FULL	HARV- ESTED	HT. (IN.)	ING %	SHAT TEARING	
<i>Brenton</i>		B297A18-2-1-2-1-1, COXD 746	159	603	8/17 8/27 9/8 9/17	↑	39		20 0-0
				668	Very good, BK type, fair from anthesis				
				684	9-15				
<i>Prul M</i>		B2913A17-3-1-1-1, COXBR, 152	160	604	8/17 8/25 9/7 9/17	↑	38		25 + -
				673	fairly good, too much anthesis				
				698	9-15				
<i>Prul M</i>		B2914A19-3, CAXBR 2195	161	605	8/13 8/21 9/6 9/13	↑	33		30 to to
				665	Only fair				
				719	9-15				
<i>Prul M</i>		Caloro, B3711 2491	162	606	8/16 8/23 9/2 9/16	↑	37		25 0-0
				663	slightly heavier than Caloro, fair				
				714	9-15				
<i>disc</i>		Rexoro, B3712 2444	163	607	8/16 9/3 9/7 9/14		36		25 0-0
				646	Separating from maturity, very poor				
				709	9-15				
<i>Prul M</i>		B2920A25-1-2-1-1, IBRYF 155	164	608	8/10 8/19 9/29 9/10	↑	40		25 0-0
				671	fairly good				
				696	9-15				
8076	1206	Delitus 48	165	609	8/5 8/13 8/20 8/29	↑	41		15 0-0
				674	very fair				
				704	9-15				
<i>disc</i>		B321A1-7, RxD 2210	166	610	8/9 8/19 8/22 8/2	↑	40		15 0-0
				670	Only fair, solitary type				
				708	9-15				
<i>disc</i>		B321A2-3-2-1-1, RxD 156	167	611	8/6 8/15 8/20 9/3	↑	44		25 0-0
				647	good, more drying than in				
				722	RxD selection 9-15				
<i>Brenton</i>		B321A2-8-1-2-1, RxD 159	168	612	8/9 8/22 8/23 9/8	↑	42		15 0-0
				648	not enough grain, very clean				
				717	not enough grain, actually up drying 9-15				

DAYS TO MATURITY FROM		YIELD DATA				TEST	MILLING
PLANT EMERG.	1ST HEAD	GMS.	ACRE YIELD			PER	DATA
		PER ROW	BU.	LBS.	BBLs.	BU. (LBS.)	HEAD TOTAL RICE RICE

Volume of

250 whole milled kernels

not cooked cooked 200

not milled in cooking 0.0

25

81

Spec sort a black 7 this strain

233

254

222

709

97.4

1681

42

204

Excellent texture Very oily appearance.

231

235

670

35.3

1589

44

166

Excellent texture

235

264

665

35.0

1577

42

217

Slightly dull texture

229

255

701

36.9

1662

45

132

Excellent texture

124

155

411

21.7

974

42

193

Sl. dull texture

256

270

719

37.9

1705

42

109

181

158

448

23.6

1062

42

161

Chalkiness, breaks badly.

256

189

606

31.9

1437

44

286

Chalkiness, breaks badly.

129

175

590

31.1

1399

46

157

119

140

416

21.9

986

45

25

40

210

Clear grain, good flavor.

fleshy, flavor.

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		DATES			PLANT LODG.		SHAT- TERING	DISEASES		
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip
Prel M		B321A2-13-4-1, RxD	161	169	8/9 8/19 8/26 9/8	↑	43			25	0-0	
				613								
				661								
Prel M		B322A2-3-2, RxF	2218	170	8/13 8/22 9/1 9/11	↑	41			25	0-0	
				614								
				660								
disc		B322A2-9-2, RxF	2566	171	9/8 9/17	10/3 ↑						
				615								
				681								
disc		B322A2-13, RxF	2569	172	9/8 9/18	10/3 ↑						
				616								
				655								
Prel M		B322A3-3, RxF	2574	173	8/13 8/21 8/28 9/8	↑	42			30	0-0	
				617								
				666								
Prel M		B322A3-6, RxF	2576	174	8/15 8/23 9/2 9/10	↑	42			30	0-0	
				618								
				653								
disc		B322A3-7-2, RxF	2578	175	9/11 9/20	10/3 ↑						
				619								
				679								
9821	1344	Texas Fortuna	43	176	8/16 8/24 9/3 9/15	↑	41					
				620								
				672								
Prel M		B322A4-3-2, RxF	2581	177	8/16 8/24 9/3 9/15	↑	41			30	0-0	
				621								
				659								
Prel M		B322A4-6-3, RxF	2585	178	8/17 8/24 9/5 9/17	↑	42			25	0-0	
				622								
				645								

DAYS TO MATURITY		YIELD DATA			TEST	MILLING DATA	
FROM	PER	ACRE YIELD			PER	BU.	HEAD TOTAL
PLANT EMERG.	1ST HEAD	GMS. ROW	BU.	LBS.	BBL.	(LBS.)	RICE RICE

173

156

119

448 23.6 1062 44

301

231

210

142 34.1 1759 46

222

228

181

631 33.5 1496 44

224

156

193

573 30.2 1359 44

224

267

240

731 38.5 1732 46

253

302

279

834 44.0 1977 44

184

176

87

447 23.6 1060 43

255

293

258

806 42.5 1911 43

287

185

221

753 39.7 1785 46

288

236

224

748 39.4 1774 46

Chalkiness

Chalkiness

Fairly good texture

Excellent texture

25 good mashing quality

88

252 med fleshy 1st sig

25

94

276 med fleshy

25

95

280 fleshy

T. S. No.	D. I. No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LODG.		SHAT- TING TERING	DISEASES			
			HEADING 1st FULL	1st FULL	1st FULL	1st FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.	Cerco- spora	White Tip	Enty- loma

B322A 4-11-2, RxF

2589

179

623

8/18 8/28

9/7 9/16

↑ 40

30 0-t

658 only fair, too much leaf drying

710

9-15

B352A3-2, KxR

2707

180

624

9/20 9/30

10/8 10/16

656

707

B323A5-2, RxSBR

2245

181

625

8/13 8/22

9/7 9/12

↑ 40

25 0-0

650 very good - Blue Rose type, uniform

700 not too tall Adv. 9-15

3625 Shoemed

182

626

8/3 8/12

8/16 8/28

↑ 42

20 0-0

643

694

8/31

B323A5-12, RxSBR

2627

183

627

9/1 9/11

9/16 9/24

40

675

713

B323A1-10-2-1, RxSBR

165

184

628

8/13 8/21

8/3 9/14

↑ 36

30 0-t

664 only fair, too short.

720

9-16

B323A2-8-2-1-1, RxSBR

167

185

629

8/9 8/17

8/28 9/7

↑ 41

25 0-0

654 very good. Uniform

716 similar to 323A 9-15

B324A1-11-2-1-1, RxS099

170

186

630

8/14 8/23

9/1 9/5

↑ 37

25 0-t

644 only fair

691

9-15

B328A1-3-1-2, EPxF

171

187

631

8/8 8/18

8/23 9/6

↑ 40

25 0-t

678 good, possibly too much leaf drying

697

9-15

B3313A1-16-2, Rx7689

173

188

632

8/12 8/22

9/29 9/14

↑ 41

30 0-0

682 quite promising

689

9-15

DAYS TO MATURITY FROM		YIELD DATA			TEST PER	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS PER ROW	ACRE YIELD			BU. (LBS.)	HEAD TOTAL RICE
			BU.	LBS.	BBL.		RICE

221
170
199

good texture

590 31.1 1399 45

140
94
105

excellent texture

339 17.9 804 43

248
225

25 Excellent milling

233

706 37.2 1674 44

81

224 med. flaky, dry odor

212
180
221

613 32.3 1453 48

194
136
174

Excellent texture

504 26.6 1195 45

236
266
209

711 37.5 1686 46

258
289

Excellent texture

25

248

85

795 41.9 1885 47

240 med. pearly, dry odor

158
142
219

Excellent texture, as good as 3247 1-8-2-1
good to back cross to Risco

519 27.4 1231 43

218
240
181

Fairly good texture

639 33.7 1515 45

300
245
282

25

86

827 43.6 1961 46

244 med. flaky

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		DATES				PLANT LODG- ING		SHAT- TERING	DISEASES			
				HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED	HT. (IN.)	%		H.O.	Cerco- spora	White Tip	Enty- loma
19799	1561-1	C8/010	51	189	633 8/3 8/13 8/25 9/3	7	36				20	+	+	
					676 ✓									
					703 ✓		9-15							
Bunt E		J2911A32-2-2-2-1-4, KxH	605	130	634 7/23 8/1 8/11 8/19	7	34				20	+	+	
					680 ✓									
					683		2/31							
Bunt E		J2913A6-2-1-1-1, COxBR	607	191	635 7/21 8/1 8/10 8/18	9	31				25	+	+	
					652									
					686 ✓		8/31							
Bunt M		J2914A3-3-3, CAxBR	609	192	636 8/10 8/20 8/29 7/2	7	39				30	to	to	
					669 ✓ good									
					693		9-15							
Bunt M		J2914A20-1-2-1-2, CAxBR	610	193	637 8/1 8/12 8/23 7/2	7	38				20	+	+	
					649									
					690 ✓		9-15							
Bunt M		J2914A46-1-1-1-1-1, CAxBR	611	194	638 8/2 8/12 8/22 9/2	7	36				25	+	+	
					657 ✓									
					718 ✓		9-15							
Bunt E		J2916A24-1-1-1-1-1, EXBR	612	195	639 7/25 8/3 8/13 8/19	7	41				25	+	+	
					651									
					721 ✓		8/31							
19882	1988	Acadia	72	136	640 8/14 8/21 7/3 8/16	7	37				20	o	to	
					677 ✓									
					695 ✓		9-15							
Bunt M		6756	208	197	641 8/13 8/20 7/3 9/6	7	38				20	o	to	
					662 ✓									
					712 ✓		9-15							
Bunt M		6812	210	198	642 8/13 8/20 7/3 9/6	7	40				20	o	to	
					667 ✓									
					702 ✓		9-15							

DAYS TO MATURITY		YIELD DATA			TEST	MILLING DATA	
FROM	1ST	GMS. PER	ACRE YIELD			PER BU.	HEAD TOTAL
PLANT	HEAD	ROW	BU.	LBS.	88LBS.	(LBS.)	RICE RICE

176

205

227

608 32.0 1442 44

208

215

168

591 31.1 1401 45

198

250

187

635 33.5 1506 43

237

263

277

777 40.9 1842 45

219

213

235

667 35.2 1521 43

241

180

244

665 35.0 1577 43

243

234

191

668 35.2 1534 43

212

222

196

630 33.2 1494 45

242

208

264

714 32.6 1693 45

226

194

224

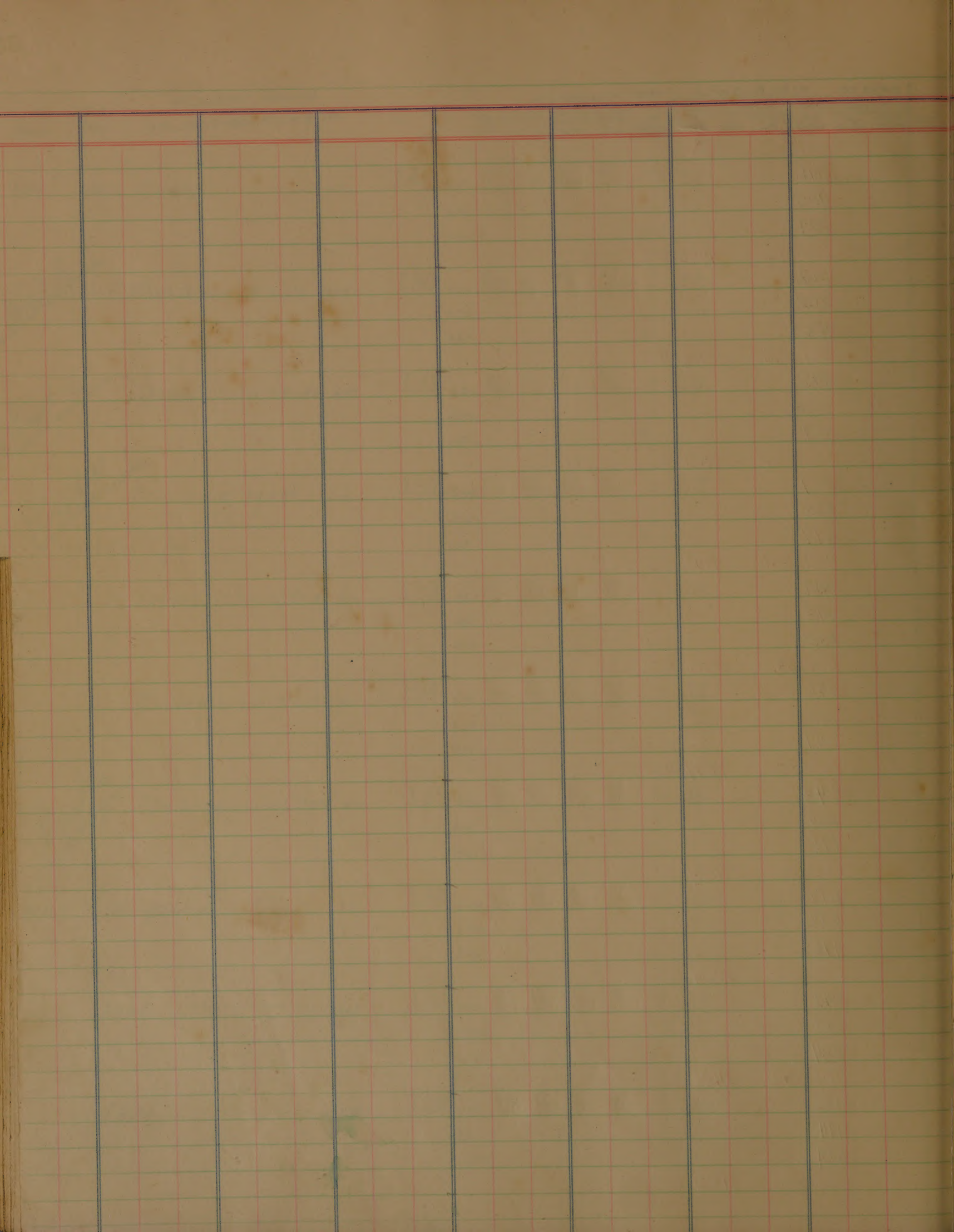
644 33.9 1527 45

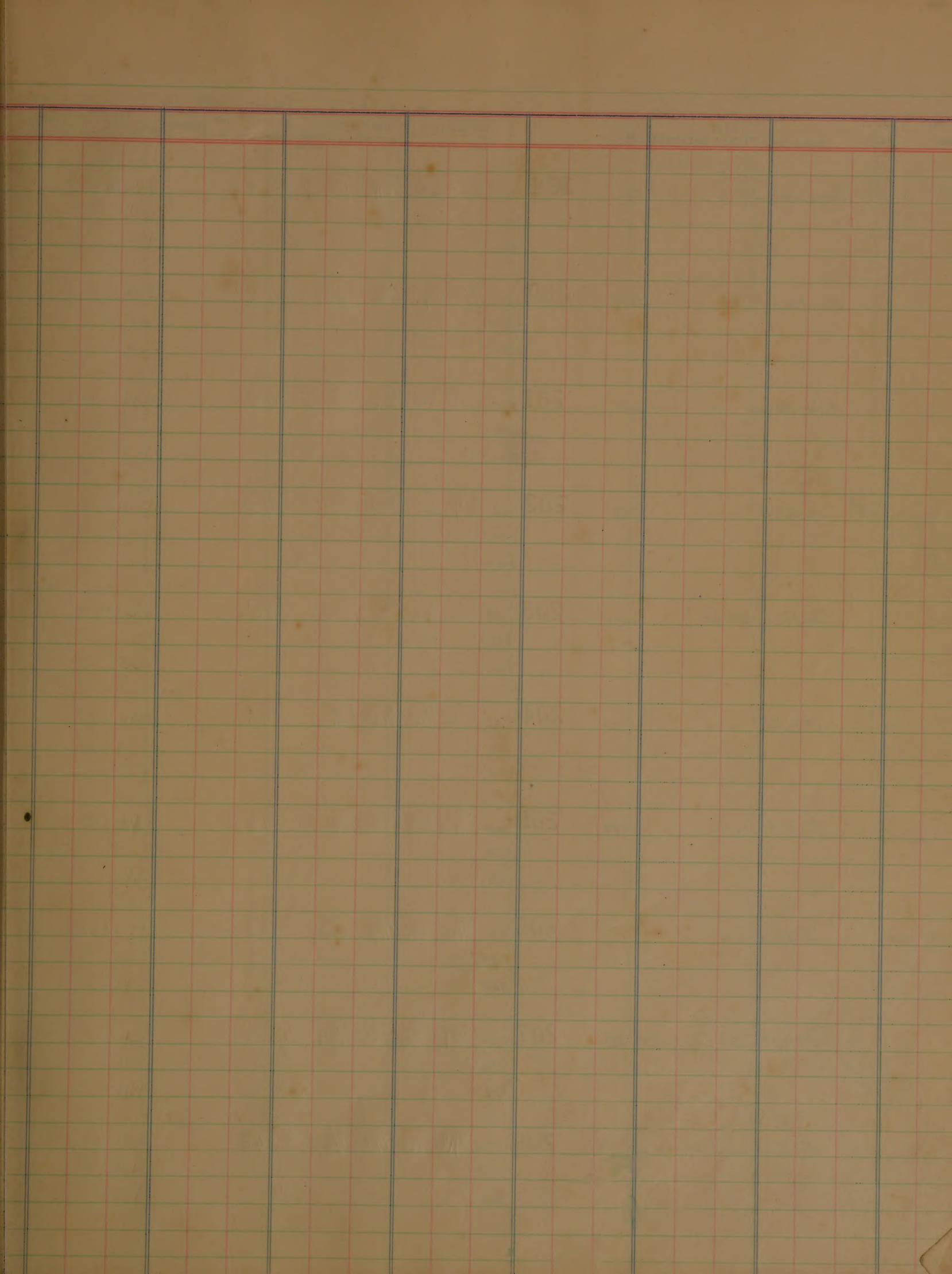
Excellent milling g

25

83

232 Partly, all by order





T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LOGS			DISEASES						
			HEADING 1ST FULL	8/10	8/22	8/31	9/9	HARV- ESTED	HT. (IN.)	ING %	SHAK- TERING	H.O.	Cerco- spora	White Tip	Enty- loma	
19947		Tamasari, 218-7	176	199	723	8/10	8/22	8/31	9/9	↑	36				20	tn-t
					769 ✓											
					796 ✓					9-26						
		BlueRose, B3714	2849	200	724	9/2	9/9	9/20	10/1	↑	42				20-30	ag-ag
					787 ✓											
					815 ✓					10/3						
		Nira, B3715	2865	201	725	9/2	9/10	9/26	10/3	↑	44				15-30	0-0
					756 ✓											
					820 ✓					10/3						
		Nira, B3716	2868	202	726	9/4	9/15	9/27	10/2	↑	45				15-25	0-0
					774 ✓											
					808 ✓					10/3						
		BlueRose, B3718	2993	203	727	9/10	9/19	10/1	10/10		40				15-20	tn-t
					779 ✓											
					799 ✓											
		B351A92, KxS	3158	204	728	9/2	9/10	9/19	10/1	↑	45				15-20	tn-S
					766 ✓											
					814 ✓					10/3						
		B3719, RxN	3944	205	729	8/17	8/25	9/2	9/18	↑	45				30	0-0
					773 ✓											
					795 ✓					9-26						
7183 1962		Blue Rose	87	206	730	8/20	8/26	9/14	9/25	↑	42				30	+-+
					785 ✓											
					804 ✓					9-26						
		B2912A4-2-1-1-1, KxBR	181	207	731	8/19	8/26	9/13	9/24	↑	38				25	0-0
					776 ✓											
					809 ✓					9-26						
		B2912A42-2-1-1-1, KxBR	183	208	732	8/18	8/25	9/13	9/23	↑	41				25	+-+
					757 ✓											
					813 ✓					9-26						

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD BU. LBS. BBLs.			HEAD TOTAL RICE	RICE
		245					
		314					
		290					
		849	44.7	2013	45		
		230					
		199					
		238					
		667	35.2	1581	44		
		234					
		192					
		197					
		603	31.8	1430	45		
		226					
		321					
		263					
		810	42.7	1921	44		
		235					
		274					
		195					
		704	32.1	1669	44		
		197					
		201					
		234					
		632	33.3	1498	47		
		258					
		242					
		206					
		706	37.2	1674	45		
		289					
		303					
		280					
		872	46.0	2068	45		
		230					
		269					
		278					
		777	40.9	1842	44		
		270					
		281					
		282					
		833	43.9	1975	44		

Volume of
250 whole
milled kernels
not cooked
cooked 20
in cooking

Fairly good

25

78

212 not fleshy

Grains appear to

25 a sweetish taste

82

228 fleshy, slightly odor

Very clean straw, good

25

88

252 fleshy

Fairly good, too much
drying

Good

Good, clean straw

25 possibly advanced

86

249 Pasty

Good but too much
drying, etc. & dry dr.

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		DATES				PLANT LODG.		SHAD- TERING	DISEASES		
				HEADING 1ST FULL	RIPENING 1ST FULL			HARV- ESTED	HT. (IN.)		ING %	H.O.	Cerco- spora
✓Bmt		B2920A25-5-2-14, JBRxF	188	209	733 8/26 9/2 9/6 9/25	↑	44				15	0-0	
					760 ✓								
					817 ✓			9-26					
disc		B322A2-5-2-1-1, RxF	194	210	734 8/16 8/25 9/2 9/14	↑	45				25	h-t	
					780 ✓								
					800 ✓			9-26					
-L		B322A4-1-1-1, RxF	195	211	735 8/13 8/22 9/29 9/10	↑	41				25	h-t	
					763 ✓								
					806 ✓			9-26					
-L		B322A4-12, RxF	2591	212	736 8/16 9/26 9/3 9/15	↑	46				25	0-0	
					781 ✓								
					805 ✓			9-26					
Disc		B322A5, RxF	2592	213	737 8/15 8/24 9/5 9/13	↑	46				30	0-0	
					770 ✓								
					798 ✓			9-26					
Pre-L		B323A3-4-1-1-1, RxSBR	201	214	738 8/16 8/25 9/7 9/15	↑	45				25	0-0	
					778 ✓								
					810 ✓			9-26					
Pre-L		B323A3-13-1-1-1, RxSBR	202	215	739 8/17 8/28 9/8 9/15	↑	47				20	0-0	
					782 ✓								
					821 ✓			9-26					
Pre-L		B323A1-1-3-1-1, RxSBR	197	216	740 8/20 8/29 9/12 9/24	↑	42				25	0-0	
					765 ✓								
					811 ✓			9-26					
Pre-L		B323A3-1-1-1, RxSBR	200	217	741 8/23 9/3 9/4 9/24	↑	44				25	0-0	
					767 ✓								
					807 ✓			9-26					
disc		B323A1-4, RxSBR	2595	218	742 8/24 9/2 9/19 9/28	↑	43				25	0-0	
					761 ✓								
					797 ✓			10-2					

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LODG.		SHATT- TERING	DISEASES		
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.		Cerco- spora	White Tip	Enty- loma
<i>disc</i>		B323A1-3-4-2, RxSBR 2599 <i>Seg hull color</i>	219	743 8/15 8/28 9/1 9/20	7	42			20	0-0		
				777 ✓								
				819 ✓		9-26						
<i>el-L</i>		B323A3-5-3, RxSBR 2616	220	744 8/24 8/31 9/12 9/23	7	41			25	0-0		
				783 ✓								
				818 ✓		9-26						
<i>el-L</i>		B323A3-14, RxSBR 2619	221	745 9/23 9/1 9/12 9/24	7	40			25	0-t		
				784 ✓								
				793 ✓		9-26						
<i>el-L</i>		B3717, RxSBR 2876	222	746 9/2 9/10 9/22 10/6	7	45			25	0-0		
				775 ✓								
				802 ✓		10-3						
<i>Prel-L</i>		B324A1-14-3, Rx5094	223	747 9/1 9/9 9/16 9/28	7	45			30	0-0		
				759 ✓								
				789 ✓		10-3						
<i>Bred 2</i>		B324A5-4, Rx5094	224	748 9/3 9/12 9/19 9/29	7	45			25	0-0		
				764 ✓								
				791 ✓		10-3						
<i>Bred 2</i>		B3313A1-4, Rx7689	225	749 9/5 9/14 9/19 9/29	7	46			15	0-0		
				771 ✓								
				794 ✓		10/3						
<i>Bred 6</i>		S2920A17-4-4-1-1, IBRF (Stuttgart, Ark.)	226	750 8/1 8/11 8/20 8/30	7	42			25	0-t		
				792								
				792		8/31						
<i>Prel-E</i>		S2920A32-3-11-8-9, IBRF (Stuttgart, Ark.)	227	8/1 8/10 8/19 8/30	7	40			25	0-t		
						8/31						
19889	3625	Shoemed, ck.	228	8/2 8/12 8/17 8/29	7	43			20	0-0		
				762								
						8/31						

Bred 1

Bred 2

Bred 3

Prel-E

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG-		SHAT- TERING	DISEASES		
			HEAD- ING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip

19941	1779	Rexoro	86	229	753 8/19 9/29 9/3 9/17 ↑ 4/6	15 0-0					
					768 ✓ Very heavy plot, leaves turning back to rapidly						
					790 ✓ 7-26						
19941	1779	Rexoro	86	230	754 9/9 9/18 9/23 10/3 ↑ 4/6	30 0-0					
					758 ✓						
					803 ✓ 10-3						
19882	1988	Acadia	72	231	755 8/13 8/20 9/4 9/17 ↑ 39	25 0-0					
					786 ✓						
					812 ✓ 9-26						

DAYS TO MATURITY FROM		YIELD DATA			TEST	MILLING DATA				
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			PER BU. (LBS.)	HEAD TOTAL RICE			
			BU.	LBS.	BBLs.					
		307								
		340								
		345								
		992	52.3	2352	43					Very heavy, but too
		240								25 leaf laying
		185								96
		231								med flaky, dry odor
		656	34.6	1555	45					Very good, uniform
		297								
		223								good
		230								
		750	39.5	1778	44					

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		DATES			PLANT LODG.		SHOOT TERING	DISEASES			
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV. ESTD	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Enty- loma
✓ F10		Long Grain x Short Grain	229	232	822								
					857								
					906								
✓ F8		321A, RxD	230	233	823								
					868								
					894								
✓ F8		322A, RxFon.	231	234	824								
					869								
					892								
✓ F8		323A, RxsBR	232	235	825								
					860								
					883								
✓ F8		324A, Rx5094	233	236	826								
					876								
					886								
✓ F9		Long Grain x Medium Grain	234	237	827								
					874								
					888								
✓ F10		Short Grain x Medium Grain	235	238	828								
					862								
					908								
19889 ✓		3625 Shoemed, CK.		239	829								
					861								
					900								
✓ F6		3310A, 7689 x E	237	240	830								
					864								
					895								
✓ F6		3313A, Rx7689	238	241	831								
					873								
					898								

T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG.		SHAT- TERING	DISEASES		
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Common- Spindle	White Tip
✓ F6		3318A, 7689 x F	239	242	832						
					871						
					897						
✓ F5		344A1, CA x F	240	243	833						
					852						
					891						
✓ F5		342A2, F x 81C	241	244	834						
					859						
					903						
✓ F5		343A1, N x K	242	245	835						
					853						
					889						
✓ F5		344A1, CA x K	243	246	836						
					872						
					885						
✓ F5		345A1, 81C x K	244	247	837						
					856						
					907						
✓ F5		346A1, S x N	245	248	838						
					877						
					882						
✓ F5		347A1, R x N	246	249	839						
					870						
					901						
✓ F5		348A1, CA x N	247	250	840						
					854						
					902						
✓ F5		349A3, N x 81C	248	251	841						
					863						
					911						

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	D A T E S			PLANT LODG.		SHAT- TERING	DISEASES					
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Enty loma		
✓ F5		3410A3, 81C x S.	249	252	842 875 893									
✓ F5		3411A2, S x CA	250	253	843 866 899									
✓ F5		3412A2, CA x R	251	254	844 879 887									
✓ F5		3413A1, CA x 81C	252	255	845 865 890									
✓ F5		3414A1, D x 7190	253	256	846 855 909									
✓ F5		3415A1, K x 7190	254	257	847 880 896									
✓ F5		3416A1, N x 7190	255	258	848 878 884									
✓ F5		3417A1, 7190 x R	256	259	849 867 904									
		11-Variety Composite	257	260	850 881 910									
7183	1962	Blue Rose	87	261	851 858 905									

DAYS TO MATURITY		YIELD DATA			TEST	MILLING DATA	
PLANT	1ST	GMS.	ACRE YIELD			PER	HEAD TOTAL
EMERG.	HEAD	PER	BU.	LBS.	BBLs.	BU. (LBS.)	RICE RICE

103

92

65

260 13.7 616

152

157

252

561 29.6 1330

117

126

187

430 22.7 1020

41

12

66

119 6.3 282.

139

119

139

397 20.9 941

120

106

136

362 19.1 858

133

128

131

392 20.7 929

213

203

128

544 28.7 1290

297

259

326

882 46.5 2091

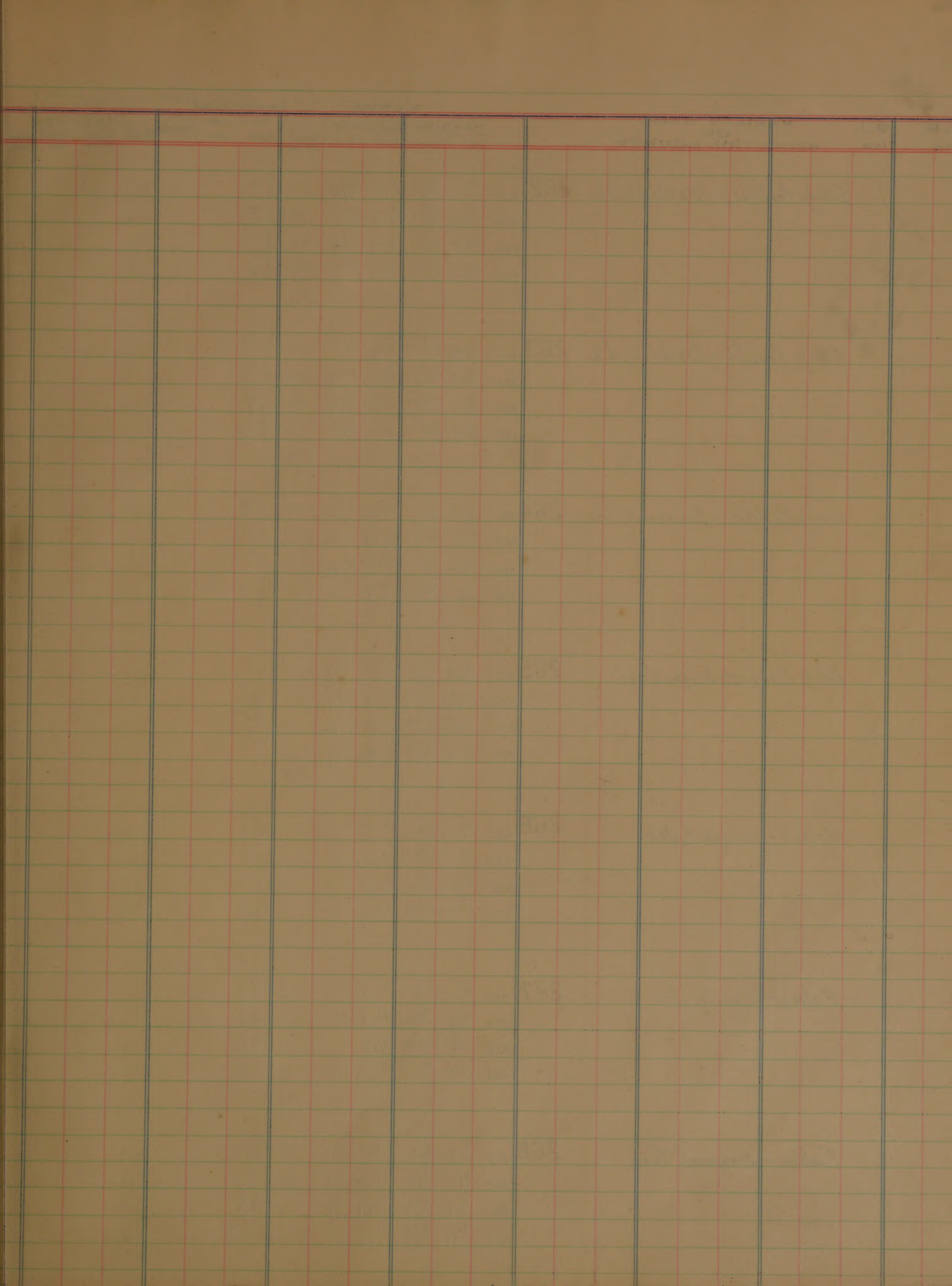
381

327

370

1078 56.8 2556

T. S.	G. I.	VARIETY NAME
No.	No.	OR SELECTION NUMBER



T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LODG.		SHAT- TERING	DISEASES		
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.		Cerco- spora	White Tip	Enty- loma
		Early Prolific, - Stuttgart, Ark. 262	912 7/24 8/6	8/13 8/19		37						
			926 7/24 8/6	8/13 8/19		35						
			934 7/24 8/5	8/13 8/19		35						
			945 7/25 8/5	8/13 8/19		36						
					8/26							
		Early Prolific, - Crowley, La. 263	913 7/23 8/6	8/13 8/19		37						
			925 7/25 8/6	8/13 8/19		37						
			936 7/26 8/5	8/13 8/19		37						
			946 7/24 8/6	8/13 8/19		36						
					8/26							
		Early Prolific - Beaumont, Tex. 264	914 7/25 8/6	8/14 8/20		39						
			924 7/25 8/7	8/14 8/20		37						
			935 7/26 8/6	8/14 8/20		39						
			948 7/26 8/6	8/14 8/20		38						
					8/26							
		Early Prolific, - Biggs, Calif. 265	915 7/24 8/5	8/12 8/19		36						
			928 7/24 8/5	8/13 8/19		35						
			937 7/25 8/4	8/13 8/19		35						
			947 7/24 8/5	8/13 8/19		37						
					8/26							
		Caloro, - Stuttgart, Ark. 266	916 8/1 8/9	8/23 9/4		36						
			928 8/1 8/9	8/24 9/4		37						
			940 8/2 8/10	8/24 9/4		37						
			950 8/2 8/10	8/24 9/4		38						
					8/26							
		Caloro, - Crowley, La. 267	917 8/1 8/10	8/22 9/4		38						
			930 8/1 8/10	8/21 9/4		37						
			938 8/1 8/10	8/22 9/4		36						
			952 8/1 8/10	8/23 9/4		38						
					8/26							
		Caloro, - Beaumont, Tex. 268	918 7/31 8/8	8/22 9/4		37						
			929 8/1 8/8	8/22 9/4		38						
			941 7/31 8/9	8/23 9/4		38						
			951 7/31 8/8	8/23 9/4		39						

2nd. grain yield x .1334 = bu per acre.

DAYS TO MATURITY		YIELD DATA			TEST	MILLING DATA	
FROM	1ST	GMS PER	ACRE YIELD			PER	
PLANT	HEAD	ROW	BU.	LBS.	BBL.	BU. (LBS.)	HEAD TOTAL RICE RICE

200

43

166

41

161

42

175

42

702 23.4 1053

42

234

43

192

42

229

43

203

41

858 28.6 1287

42

209

42

189

42

212

42

223

42

833 27.7 1250

42

220

43

191

40

262

41

243

41

916 30.5 1374

41

302

39

250

39

244

39

338

40

1134 37.8 1701

39

260

39

257

39

243

39

299

39

1059 35.3 1588

39

302

40

228

40

284

40

334

40

1148 38.1 1722

40

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LODG.		SHAT- TERING	DISEASES			
			HEADING 1st FULL	RIPENING 1st FULL		HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Enty- loma

Caloro, Biggs, Calif.

269

919	8/2	8/10	8/24	9/4		38
927	8/2	8/10	8/23	9/4		36
939	8/3	8/11	8/24	9/4		37
949	8/3	8/12	8/25	9/4		37

Fortuna - Stuttgart, Ark.

270

920	8/14	8/23	9/2			43
933	8/14	8/24	9/2			42
944	8/14	8/23	9/2			41
953	8/13	8/23	9/2	9/16		42

Fortuna - Crowley, La.

271

921	8/13	8/22	9/2			44
932	8/13	8/22	9/2			44
942	8/13	8/23	9/2			45
955	8/12	8/22	9/2	9/16		45

Fortuna - Beaumont, Tex.

272

922	8/13	8/22	9/2			44
931	8/13	8/22	9/2			45
943	8/13	8/23	9/2			45
954	8/12	8/21	9/2	9/16		45

DATE		YIELD DATA			TEST	MILLING DATA	
MATURITY		ONE	ACRE YIELD		PER	DATA	
FROM		PER			BU.	HEAD	TOTAL
PLANT	1ST	ROW	BU.	LBS.	BBL.	(LBS.)	RICE
BRN.	HEAD	ROW	BU.	LBS.	BBL.	(LBS.)	RICE

314 40

265 40

296 39

343 40

1218 40.6 1827 40

298 42

233 42

253 42

267 42

1051 35.0 1576 42

260 43

286 43

248 44

280 44

1074 35.8 1611 44

264 43

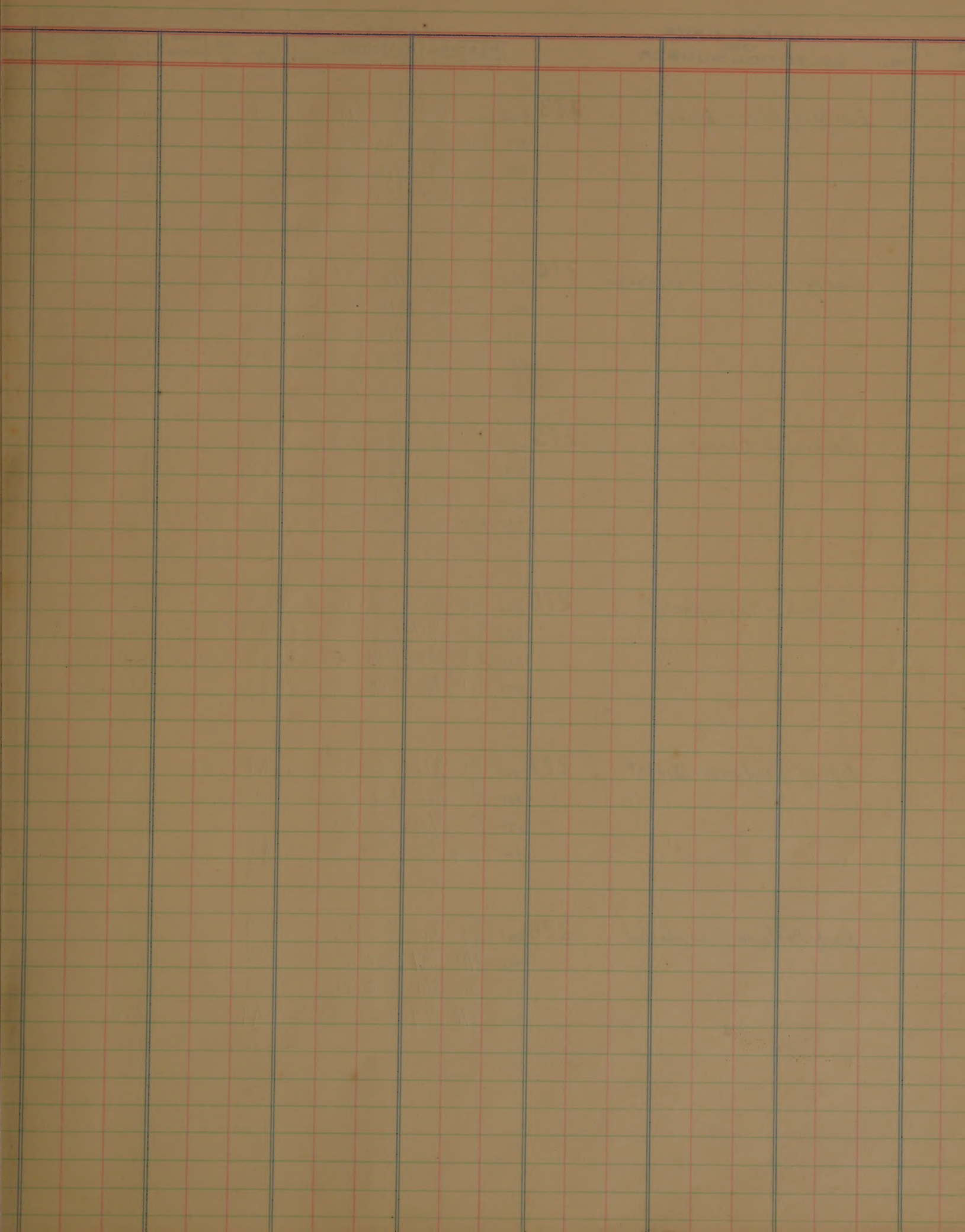
297 43

241 42

261 42

1063 35.4 1594 43

Irrigated 7/22 and kept flooded throughout remainder of growing period



T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LODG.		SHAT- TERING	DISEASES				
			HEADING	RIPENING		HARV- ESTED	HT. (IN.)	ING %		H. O.	Cerro- spora	White- Tip	Enty- loma	
			1ST FULL	1ST FULL										
		Early Prolific - Direct	273	956	7/25	8/4	8/12	8/19	37					
				964	7/24	8/4	8/13	8/20	36					
				969	7/25	8/4	8/12	8/20	35					
				977	7/24	8/5	8/13	8/20	36					
								8/26						
		Early Prolific - Transplanted	274	957	7/28	8/8	8/16	8/24	38					
				965	7/29	8/8	8/16	8/24	36					
				968	7/30	8/8	8/16	8/24	36					
				976	7/30	8/9	8/16	8/24	8/26	36				
		Caloro - Direct	275	958	8/2	8/10	8/22	9/4	36					
				962	8/2	8/10	8/22	9/4	36					
				972	8/2	8/10	8/21	9/4	37					
				978	8/2	8/10	8/22	9/4	36					
		Caloro - Transplanted	276	959	8/2	8/12	8/23	9/5	36					
				963	8/2	8/12	8/24	9/5	35					
				973	8/1	8/12	8/24	9/5	36					
				979	8/1	8/12	8/24	9/5	34					
		Early Fortuna - Direct	277	960	8/4	8/12	8/20	9/2	41					
				967	8/5	8/13	8/21	9/2	42					
				971	8/6	8/14	8/22	9/2	39					
				975	8/4	8/13	8/22	9/2	44					
		Early Fortuna - Transplanted	278	961	8/9	8/15	8/24	9/3	39					
				966	8/12	8/17	8/25	9/2	39					
				970	8/10	8/16	8/25	9/3	39					
				974	8/10	8/17	8/25	9/3	41					

Individual plot yield in grams 1.1334 = lb yield per acre

DAYS TO MATURITY FROM		YIELD DATA			TEST PER	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			BU. HEAD TOTAL	RICE RICE
			BU.	LBS.	BBL.	(LBS.)	

200

185

159

210

754 25.1 1131 42

179

123

186

153

641 21.3 962 42

231

235

213

253

932 31.0 1398 40

254

216

229

213

712 30.4 1368 40

270

287

201

252

1010 33.6 1515 42

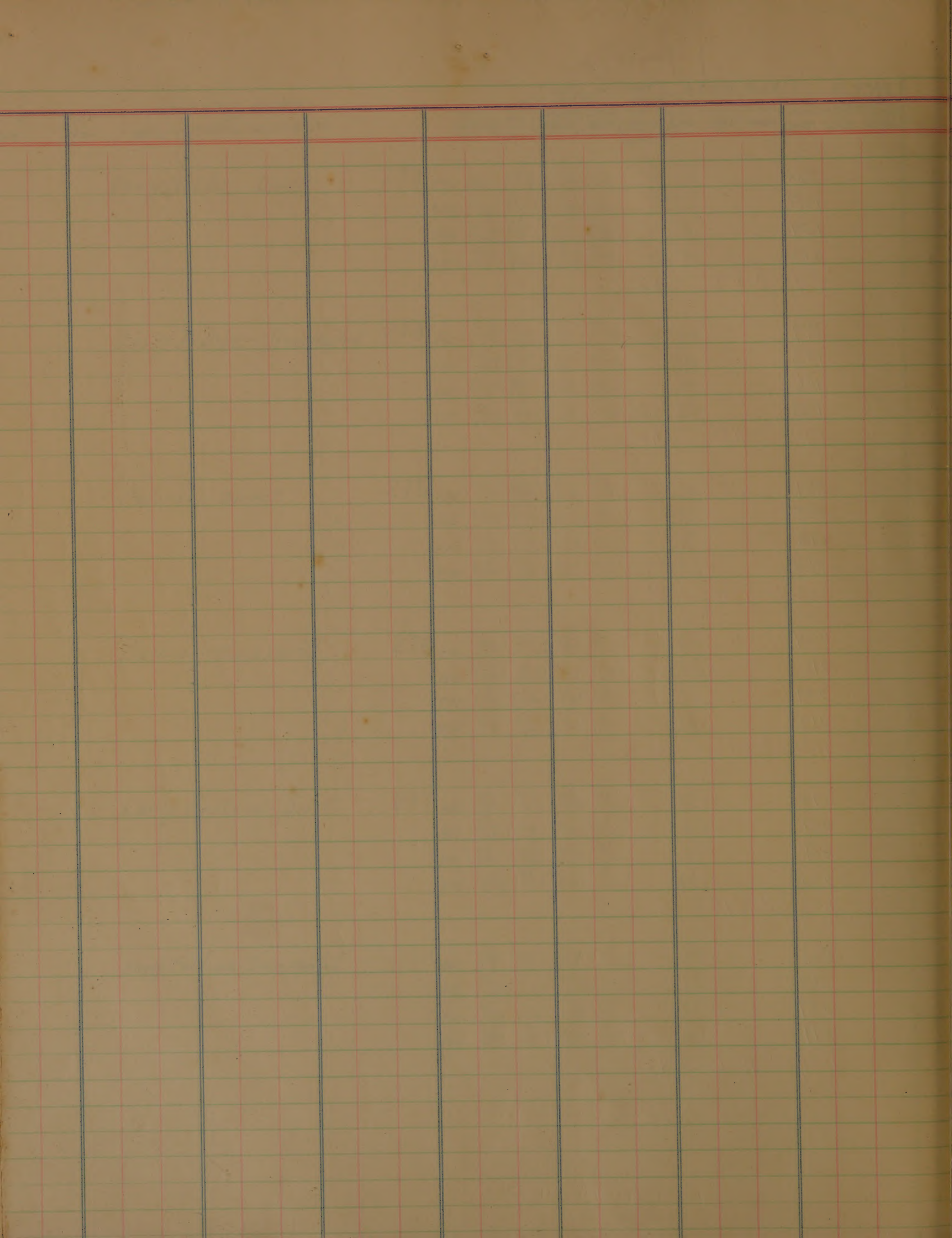
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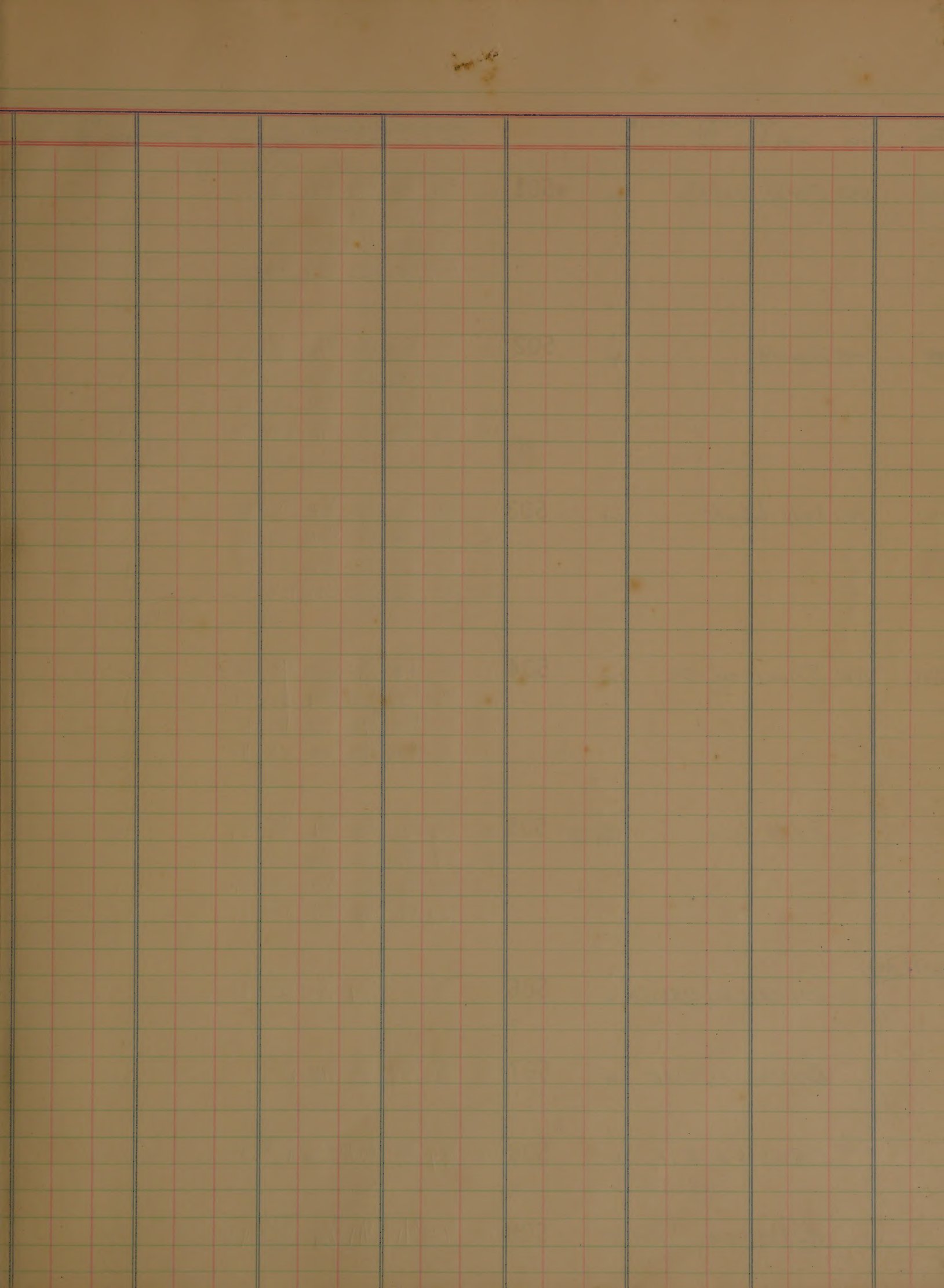
262

257

249

1004 33.4 1506 43





T. S. No.	Q. I. No.	VARIETY NAME OR SELECTION NUMBER		DATES				PLANT LODG.		SHAT- TERING	DISEASES			
				HEADING 1ST FULL		RIPENING 1ST FULL		HARV- ESTED	HT. (IN.)		ING %	H.O.	Cerco- spora	White Tip
19801	5883	Early Prolific	501	501	1	7/24	8/4	8/13	8/22	4.1				
					10	7/26	8/6	8/13	8/23	39				
					18	7/26	8/6	8/13	8/23	39				
					22	7/27	8/6	8/13	8/23	40				
						Some Lodging on south side of this plot								
778	7787	Zenith	502	502	2	7/25	8/4	8/9	8/16	39				
					8	7/26	8/5	8/10	8/16	36				
					16	7/26	8/5	8/10	8/16	38				
					21	7/26	8/5	8/11	8/16	37				
19803	5451	Lady Wright	503	503	3	7/24	8/3	8/10	8/17	36				
					12	7/25	8/4	8/10	8/17	38				
					17	7/26	8/4	8/11	8/17	38				
					24	7/24	8/4	8/10	8/17	38				
19889	3625	Shoermed, Ct.	505	A 504	4	8/1	8/13	8/18	8/28	39				
				b	11	8/2	8/13	8/18	8/29	39				
				c	15	8/1	8/13	8/18	8/30	40				
				d	20	8/2	8/12	8/19	8/31	40				
	Edith, 322		Single Increase Plot, 1938	505	5	7/27	8/8	8/14	8/21	39				
					9	7/28	8/9	8/13	8/20	38				
					19	7/28	8/9	8/13	8/19	39				
					23	7/29	8/9	8/13	8/19	39				
gle Plots:														
	B2917A29-2-2-1, BRXG	6		506	6	7/30	8/8	8/17	8/23	38				
	B2913A29-1-1-1, COXBR	39		507	7	7/12	7/26	8/4	8/16	32				
	C283A3-6-2, EXF	13		508	12	7/29	8/9	8/12	8/20	39				
	B283A3-5-4-1, EXF	57		509	14	8/5	8/15	8/19	8/31	43				

DAYS TO MATURITY		YIELD DATA			TEST	MILLING DATA	
FROM	1ST	GMS.	ACRE YIELD			PER	HEAD TOTAL
PLANT	HEAD	PER	BU.	LBS.	BBL.	BU.	RICE
EMERG.		ROW				(LBS.)	

Can't

35.5			101	66.2	77.9	0
25.8			102	58.6	75.3	0.2
24.0			103	67.4	77.7	0
31.0			104	63.8	79.6	0
116.3	32.3	1454	44	64.0	77.6	to

35.0			108	64.9	74.9	0.3
25.3			109	65.7	76.3	0.4
26.5			111	66.0	75.0	0.3
28.0			116	68.0	77.1	to
114.0	31.9	1485	40	66.2	75.8	0.3

23.0			119	55.2	74.4	0
21.5			123	58.6	76.1	0
20.0			124	61.1	76.6	0
22.5			125	67.7	76.6	0
87.0	24.2	1088	38	60.6	75.9	0

21.5			126	52.0	75.3	0.2
24.3			128	54.5	76.3	0.2
27.8			129	53.1	75.9	
34.8			130	54.5	76.2	0.3
113.4	31.5	1418	48	53.5	75.9	0.2

19.0			132	51.7	75.9	to
23.0			134	63.0	77.0	0.1
26.3			138	66.6	77.5	0
25.8			140	60.7	76.2	to
94.1	26.1	1176	42	60.5	76.6	to

22.0	24.4	1100	(141)	43	52.7	75.8	0
------	------	------	-------	----	------	------	---

30.5	33.9	1525	(142)	42	69.6	77.4	0
------	------	------	-------	----	------	------	---

19.0	21.1	9.50	(145)	37	62.3	75.7	0
------	------	------	-------	----	------	------	---

20.0	22.2	1000	(147)	42	64.2	74.9	0
------	------	------	-------	----	------	------	---

Thermostat is not working
etc. ability to remain in
good condition after inspection.
Weather very slowly

Thin stem, no much
Killing

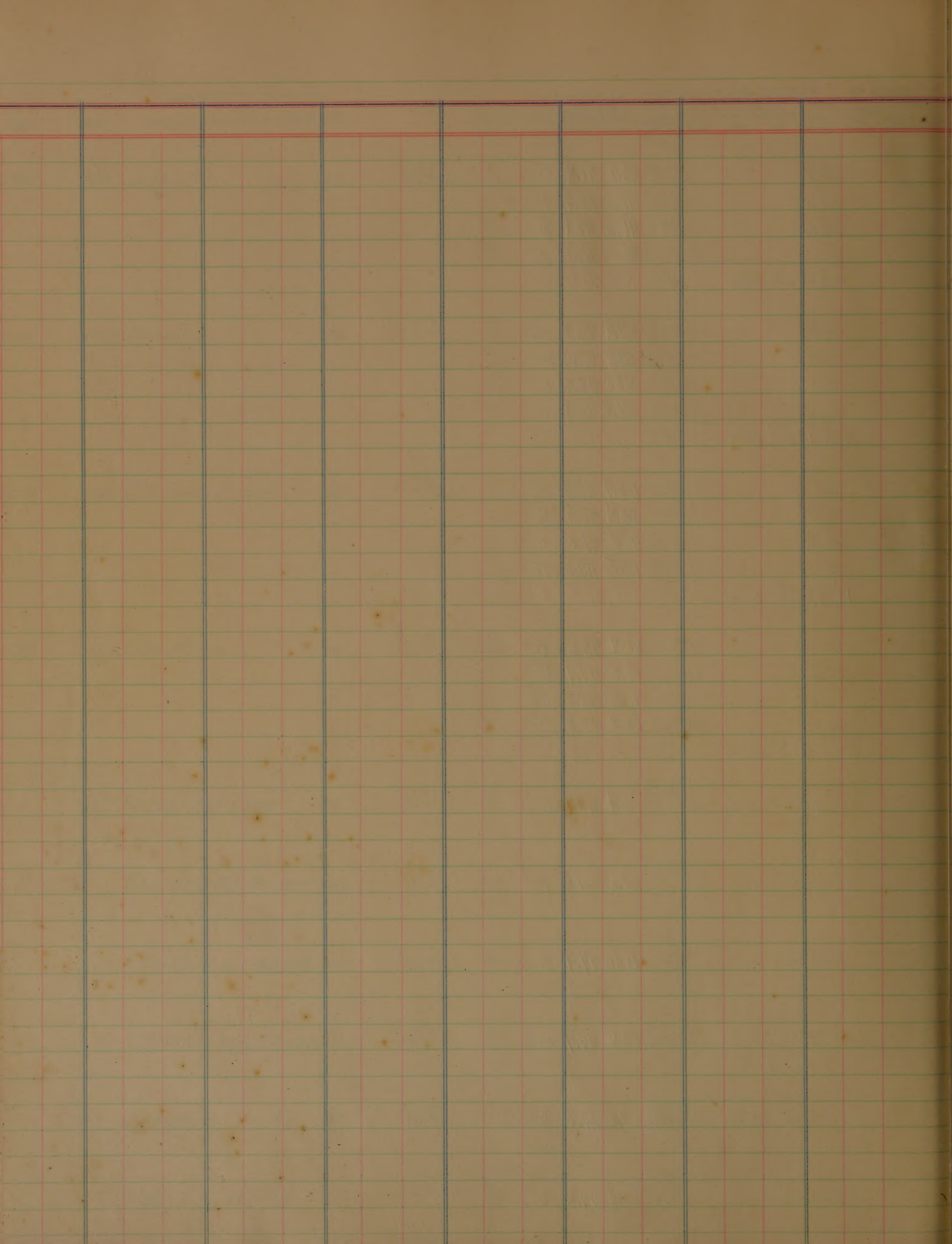
T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		DATES				PLANT LODG.		SHAY- TERING	DISEASES			
				HEADING 1st FULL	1st FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.		Cerco- spora	White Tip	Enty- loma	
8076	1206	Delitus	507	510	25 8/2 8/13	8/18 8/28	↑	42						
					33 7/20 8/12	8/19 8/26		42						
					37 8/1 8/12	8/18 8/28		42						
					45 8/2 8/13	8/18 8/29 9/1		41						
19938	1561-1	Caloro	508	511	26 8/1 8/13	8/23 9/9	↑	35						
					34 8/2 8/13	8/24 9/9		34						
					39 8/2 8/13	8/25 9/10		38						
					44 7/31 8/12	8/24 9/10 9-20		34						
19882	1988	Acadia	509	512	27 8/14 8/21	8/1 9/16	↑	35						
					31 8/14 8/22	8/1 9/16		34						
					42 8/14 8/22	8/1 9/16		35						
					43 8/14 8/22	8/1 9/16 9-20		35						
19889	3625	Shoemed, ck.	510 total	513	28 7/30 8/10	8/15 8/28	↑	40						
			f		35 7/29 8/11	8/15 8/28		41						
			g		41 7/31 8/10	8/15 8/28		41						
			A		47 8/1 8/10	8/15 8/27 9/1		41						
19926	2702 3625	Nira	511	514	29 8/17 8/25	8/1 9/13	↑	49						
					32 8/18 8/27	8/1 9/13		50						
					38 8/18 8/28	8/1 9/13		50						
					48 8/19 8/28	8/1 9/13 9-20		49						
9821	1344	T. Fortuna	512	515	30 8/16 8/24	8/30 9/10	↑	45						
					36 8/16 8/24	8/30 9/10		44						
					40 8/16 8/25	8/30 9/1		43						
					42 8/17 8/24	8/30 8/10 9-20		44						

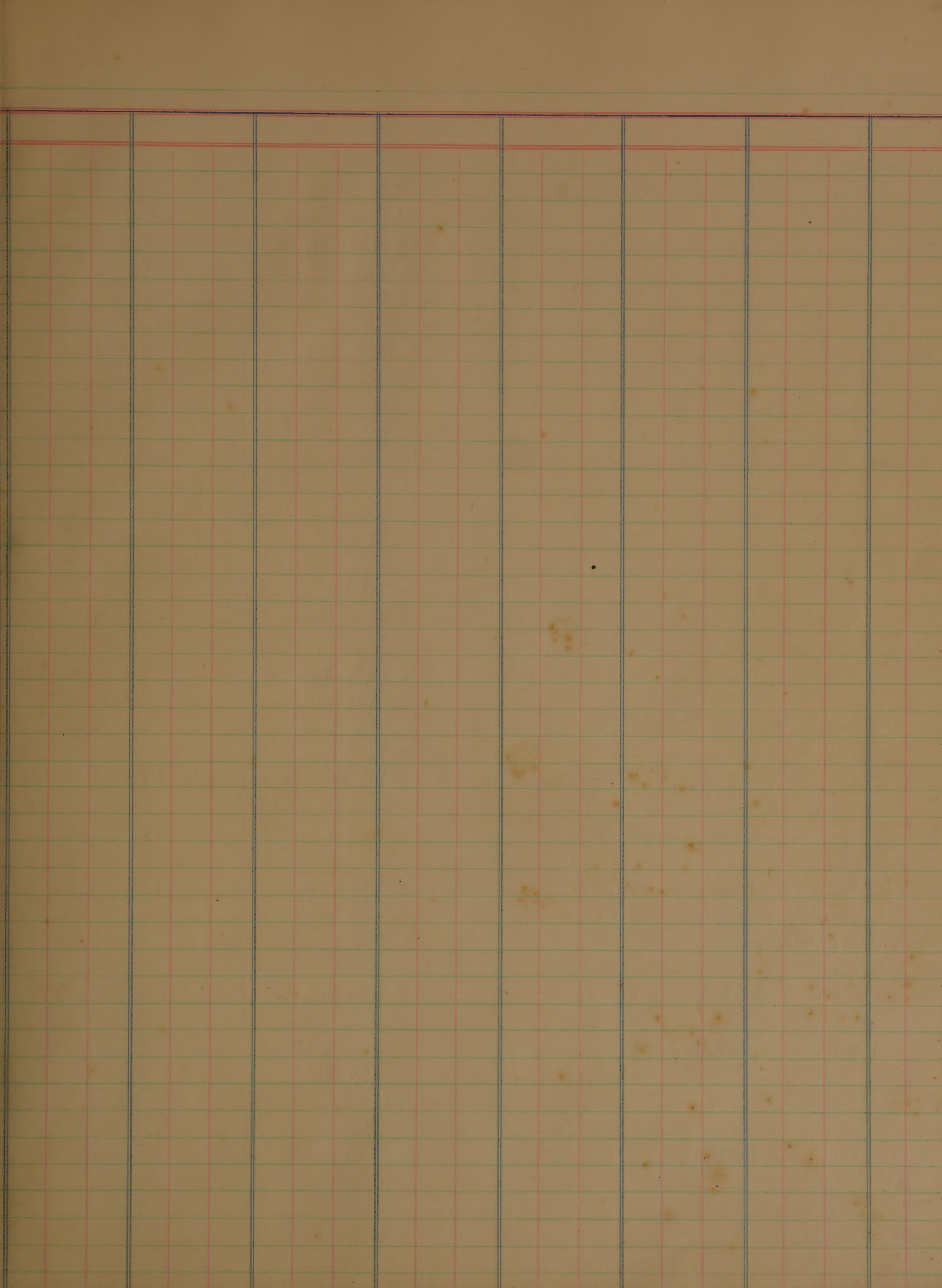
DAYS TO MATURITY FROM		YIELD DATA			TEST		MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			PER BU. (LBS.)	HEAD TOTAL RICE	RICE
			BU.	LBS.	BBLs.			

Canth								
6		22.0				150	58.1	74.6 to
		27.0				153	59.8	74.6 to
		20.0				154	61.2	74.1 to
		18.0				155	61.0	74.1 0.2
		87.0	24.2	1088		44	60.0	74.4 to
3		30.0				157	58.5	79.0 0
		36.0				158	64.7	79.1 to
		31.5				159	56.8	79.3 0
		25.5				162	61.2	79.0
		123.0	34.9	1532		43	60.3	79.1 to
2		29.8				165	60.5	78.8
		36.0				169	64.3	78.4
		31.3				172	67.8	78.0
		31.3				173	63.7	79.4 to
		128.4	35.9	1605		42	64.1	78.6 to
4		30.3				176	50.3	76.9 0
		33.0				179	53.5	76.6 0
		28.2				180	52.3	76.9 0.2
		29.5				181	56.6	76.9 0
		121.6	33.8	1520		49	53.2	76.8 to
5		22.0				182	38.3	74.3
		24.5				187	35.0	74.3
		27.5				188	40.5	73.8 0
		27.5				193	44.8	75.3 0
		106.5	29.6	1331		45	39.6	74.4 0
1		26.3				196	48.1	77.0 0
		34.5				197	46.5	76.4 0
		36.5				200	55.5	77.6 0
		30.5				203	51.0	76.7 0
		137.8	38.9	1722		43	50.3	76.9 0

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES			PLANT LODG.	ING %	SHAW TERING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				H.O.	Cercospora	White Tip	Enty- loma
19930	4559	Fola	513	516	49 8/29 9/8	9/11 9/24	↑	45						
					56 8/29 9/8	9/11 9/23		45						
					62 8/30 9/9	9/12 9/24		45						
					67 8/30 9/9	9/13 9/24	10-2	45						
19941	1779	Rexoro	514	517	50 9/8 9/20	9/28 10/8	↑	46						
					55 9/8 9/20	9/28 10/8		47						
					63 9/9 9/19	9/28 10/8		47						
					68 9/9 9/19	9/28 10/8	10/11	45						
19889	3625	Shoemed, CK.	515	518	51 7/31 8/9	8/14 9/24	↑	42						
					57 7/31 8/9	8/15 9/24		42						
					61 7/31 8/9	8/15 9/24		41						
					70 7/29 8/8	8/14 9/22	9-4	43						
7183	1962	Blue Rose	516	519	52 8/20 9/28	9/12 9/24	↑	45						
					58 8/20 9/27	9/13 9-25		46						
					64 8/20 9/26	9/13 9-25		45						
					67 8/19 9/26	9/14 9-25	10/2	46						
Single Plots:														
		B321A28-2-1, RxD	94	520	53 8/9 9/17	8/19 9/4	(9/8)	41						
		B324A1-8-2-1, R x 5094	109	521	54 8/28 9/9	9/13 9/25	10/2	47						
		S2912A34-2-1-3, K x BR	21	522	59 8/8 9/17	9/28 9/12	10/2	43						
		C2914A6-3-1, CA x BR	61	523	60 8/14 9/20	9/4 9/17	10/2	44						
		C2912A10-1, K x BR	94	524	65 8/13 9/20	9/5 9/17	10/2	45						
		CA x LW, 3173-1.	65	525	66 8/14 9/22	9/1 9/10	(9/8)	39						

DAYS TO MATURITY FROM		YIELD DATA			TEST		MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			PER BU. (LBS.)	HEAD TOTAL RICE	RICE
			BU.	LBS.	BBLS.			
						Can't		
		26.8				232	48.2	76.4 0
		28.0				238	45.3	75.4 0
10		29.0				246	46.0	76.1 0
		25.5				251	46.8	76.0 0
		109.3	30.4	1366.		42	46.6	76.0 0
		39.8				254	57.9	76.3 0
		40.3				272	54.9	75.3 0
		39.0				278	50.0	75.2 0
		40.0				313	57.2	75.1 0
		159.1	44.2	1989		47	55.0	75.5 0
1		28.0				321	53.4	76.2 0
j		30.0				322	52.4	76.7 tr
k		26.3				325	48.5	76.0 0
L		28.5				345	52.5	77.0 tr
		112.8	31.3	1410.		48	51.7	76.5 tr
		30.8				348	66.4	77.3 0
		33.2				378	68.5	77.7 tr
		34.0				381	62.0	78.0 0
6		35.3				403	66.2	77.3 tr
		133.9	37.2	1674		42	65.8	77.6 tr
8		29.3	32.6	1465		(414) 46	62.1	74.9 0
4		35.0	38.9	1750		(415) 46	51.0	74.0 0
5		33.8	39.6	1690		(420) 43	60.0	77.7 tr
7		32.5	36.1	1625		(436) 42	63.0	77.7 0
2		36.5	40.6	1825		(448) 43	67.3	79.6 0
3		35.5	39.4	1775		(450) 43	65.3	77.3 0





notes from Pure Soil Nursery

1	Exp 3212	considerable land damage	25	++
2	Latex	Leaves quite good, but back must be rigid, although lodging down and dropping some	20	h-t
3	Zinnia	Vigorous growth, being stiff stem, looking very good	20	h-t
4	Ork Exp	Similar to Exp	20	++
5	Shoemal	Very good,	15	o-o
6	Colusa	Only fair.	20	h-t
7	Lady Wight		20	h-t
8	C283A2-6-2	Looking very good	25	o-o
9	B283A3-4-5	Bad looking, of Ex Florida but may be too tall, later than 283A2-6-2 but about same as 283A2-6-1-2	20	o-o
10	C283A9-6-1-2	Very good, may be superior to B283A3-4-5 due to shorter stem	20	o-o
11	B283A2-9-2-1	Very slightly better than 283A3-4-5, not as heavy producing	25	o-o
12	S283A9-6-1-1	Good appearance, lighter leaf color than other Ex Florida. Does not stand upon well.	30	o-o
13	B283A2-7-6	good lot, being plots	25	h-t
14	C291A3-2	Light leaf color, being drooping panicle, does not stand upon very well, rather tall, considerable green	15	h-t
15	B291A10-4-2	Only fair	25	++
16	B291A12-2-1	Better than Lady Wight	20	h-t
17	B291A22-2-2-1	Rather tall, very heavy, good appearance	20	h-t
18			25	h-t
19		Fairly good	25	h-t
20			25	h-t

		25 + +
21		
22	Uniform lot, dry for the last looking 82920A line.	30 h-t
23		25 h-t
24		25 + + +
25		20 + +
26	appears to be better than other Elites all are good.	20 + +
27		20 + +
28	only fair, branching stem type, grainy, poor quality	25 + +
29	Looks very good, vigorous growing, uniform, good stem Should be selected for more uniform grain type. Some are showy pig.	30 0-0
30	poor growth type, undeveloped, dropping panicle,	15 0-0
31	Very good.	20 0-0
32	An outstanding early type, select for a more uniform grain type, some appear to be showy pig.	15 0-t
33	Very poor much sterility	30 h-t
34	Very good, similar to other 29174 line.	20 + +
35	Looks considerably better here than in narrow yield plots. Can not stand thick sowing.	20 h-t
36	Earlier than other 827 lines. Does not dry back, stands up well good ht. Uniform	20 h-t
37	Good appearance but not as outstanding as in yield test dries back some, probably more than is desirable.	25 h-t
38	Looks very promising just is beginning to show slight tendency to dry back. From yield test appearance this stem is rather bad in this respect	
39	Very good, looks quite similar to 28342-45, and 9 similar lot	25 0-0

40

Is in the ear ripe stage but still looks good, here
 it's look very slowly. Very promising

9.5 to the

41

Is entirely too tall, looks very good in yield test but
 after looking at PS now the desirability of the strain is
 lowered greatly.

20 + +

42

Very good growth for Hondinea, considerable grain

25 + +

43

44

45

46

47

48

Early Preliminary Nursery

129

130

131

132

133

134

135 Looks to be better than adjacent rows

136 Poor,

137 Fairly good

138 Very good

139 Looks better than EPR sub.

140 Looks better than EPR sub.

141 good, very much like Smith,

142 Very good, considerable disease

143 Very good.

144

Best looking row in group. Address in 1940

145

good,

146

quite sick growth, much stunted

147

Very poor.

148

Very good, most too leafy.

149

good

144

color type, good

150

only fair

151

poor

152

poor

153

poor

154

poor

155

fairly good

156

only fair

157

Very good, (Advanced P) midseason maturity, shatter
quite badly, Panicle present to 1/2 inch, P?

158

good, but not as good as other R x 7699 cul.

Midseason Advanced Nursery Row Seed

- | | |
|----|---|
| 45 | Fair |
| 46 | good, no sterility |
| 47 | V.G. |
| 48 | Fairly good. |
| 49 | 1 good, very tall at least 8" taller than Botana |
| 50 | V.G. |
| 51 | V.G. Uniform intense leanness, well look to be worthy of advancing |
| 52 | only fair, rather tall, too much leaf drying |
| 53 | Fair, too tall |
| 54 | V.G. small amount of H.D. Heavier & stands up better than 55. |
| 55 | Good. |
| 56 | good. |
| 57 | only fair, earlier than other sets, short straw |
| 58 | good |
| 59 | V. good, grain looks to be too long. Very similar to 28344-6-1-2-1 but not as good a grain. |
| 60 | only fair |
| 61 | only fair |
| 62 | V.G. stands up well, uniform ht, not too tall |
| 63 | Good, sl taller and not so heavy as 62 |
| 64 | only fair. Considerable grain but drooping head and too much leaf drying |
| 65 | V.G. Uniform ht, intense leanness, well |

- 66 a very good P.S. seed, earlier than ~~Reverdy~~ quite similar
in other respects.
- 67 fairly good,
- 68 V.G. but too much leaf drying
- 69 V.G.
- 70 only fair
- 71 V.G.
- 72 good,
- 73 good
- 74 V.G. appears heavier than either 73 or 75.
- 75 good, better looking than 73,
- 76 V.G. Uniform, lgt. clean straw, very promising
- 77 V.G.
- 78 V.G. Better than unnamed Jap or Asahi
- 79 good, but not equal to 76, similar however.
- 80 V.G. Good lgt, very uniform & heavy. Must too leafy.
- 81 good, but quite short.
- 82 only fair, panicles break over. Heavier than Delite
- 83 only fair.
- 84 good,
- 85 V.G. seems better than any other.

86

V.G. a possible defect is the breaking of rachis in about center
of panicle when over ripe. This may not be any more than B.

87

good

88

good,

Preliminary Judgement

- 159 Good. If anisopous attack is not too severe on this strain it may prove of some value as BP type. Watch for black body.
- 160 V.G. May have too much anisopous.
- 161 good, Jap strain type
- 162 Very good, Heam ^{strain} is taller strain than Jap rice. Strain does resemble Jap strain though. Watch closely, Heavy plots.
- 163 Only fair. Probably discard
- 164 V. Good, possibly too much leaf drying.
- 165 good, considerable leaf drying.
- 166 good, less leaf drying than 165. Panicle droop too much.
- 167 good } less leaf drying than 168
 } are two best looking RVD sub in this group.
- 168 good }
- 169 Very heavy, small amount of leaf drying, but much shattering + an undesirable (droop) panicle, appears to be headed for an 400 gram
- 170 good, stands up well.
- 171 late
- 172 late
- 173 V. good, but too much leaf drying.
- 174 V. good, but too much leaf drying.
- 175 late.
- 176 V. Good
- 177 V.G. Uniform str. hardly as tall as others. 30 just as heavy
- 178 V.G.
- 179 V.G.

180

late

181

V.G. med. ht. clean stem.

182

V.G. quite good.

183

Rather late, good

184

Only fair, probably discarded

185

V. good, clean leaves.

186

V. Good, very little leaf dying, rather light green.

187

Fairly good

188

good

189

190

191

192

193

194

195

196

197

198

Uni Advanced (late)

89	good
90	not as good as earlier
91	V. G.
92	V. G.
93 Shredded	good
94	good -
95	V. G. Nigra growing, Very heavy Panicle, well shaped,
96	good but not nearly as productive as 95. Panicles not as good.
97	Only few
98	Rather poor
99	Only few
100	Fairly good
101	V. G. Shredded more than 95, not as productive
102	Rather poor
103	Fairly good. Heavy panicles.
104	Fairly good, from seedling have a white spot on back.
105	good
106	good, Shredded quite badly
107	V. G. Earlier than 105 + 106, grain rather thin
108	V. G. Jap type with almost a medium-grain heavy

- 109 Rather poor
- 110 V.G. not any heavier than 108 though
- 111 V.G. quite productive. Has heads and scapes.
- 112 good, lacks productiveness
- 113 V.G.
- 114 only fair
- 115 fairly good, rather short. lacks productiveness.
- 116 Good
- 117 V.G.
- 118 V.G. - Uniform
- 119 V.G. considerable leaf dying. Not any worse than 107 ^{white chattering} consider
- 120 V.G. Best looking R x D sel in advanced lot group. Very little chattering. Stiff straw, very little leaf dying, small amount of H.D.
- 121 only fair
- 122 good, heavy, glumes badly discolored.
- 123 Fairly good
- 124 V.G. Heavy straw, very little leaf dying, productive.
- 125 good, Similar to other R x D sel.
- 126 very late, but looks very good.
- 127 good
- 128 good, not as productive as 108

99

good

200

Very good, Uniform, but very late.

201

Very good, Very late, Uniform heavy, too leafy, hulls brownish (dis)

202

V.G. very late, uniform heavy, very clean straw, not as leafy as 201
grain appears to have a poor shape.

203

Very late, clean straw, V.G. Uniform

204

Fairly good.

205

good

206

good

207

Hardly as good as BK, cleaner straw.

208

as good as BK,

209

V.G. Uniform, clean straw, Productive

210

good

211

good

212

Better than other R & F etc.

213

Fairly good

214

Good

215

good, very clean straw but is of a questionable type,

216

V.G.

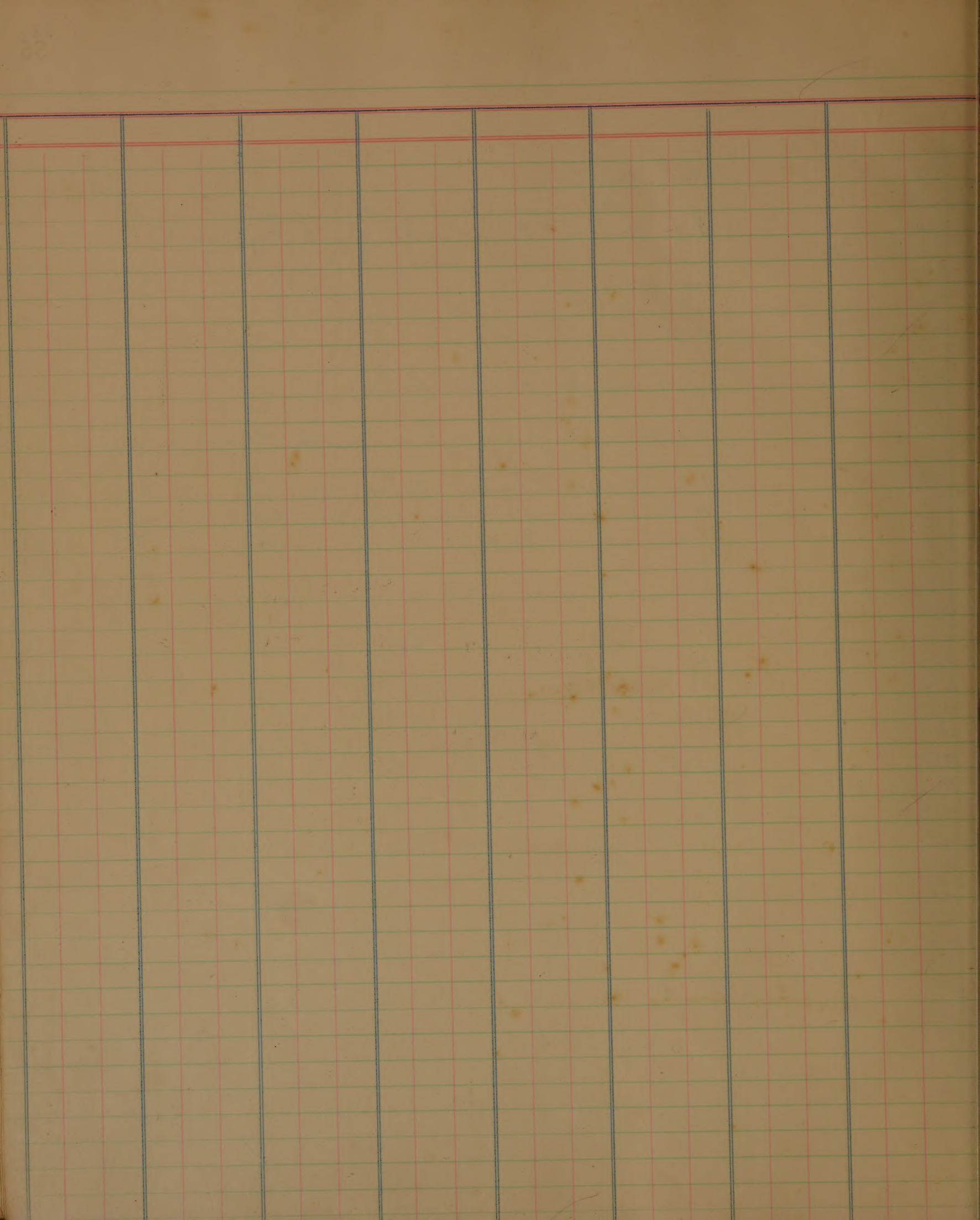
217

V.G. clean straw good grain type, quite productive

218

good

- 219 Only fair
- 220 V.G. Uniform, Do not like panicle type (open)
- 221 Only fair.
- 222 V.G.
- 223 Good, similar to other R x 5094 sels.
- 224 Productive, sl. leafier + later than other R x 5094 sels good.
- 225 V.G., A very interesting Petua type. Has stem every bit as good as R x 5094 if not better. Petua grain type. Advantage Stem is much larger in diameter than R x 5094.
- 226 ✓
- 227 ✓
- 228 ✓
- 229 V.G.
- 230 V.G.
- 231 good.



F2- C.I. 6121-3 x C.I. 6993

F1 plant gave:

60

1939 Inheritance Studies

BEAUMONT, TEXAS

773 Common: 65 glutinous
seeds. (this does not include F₂ plants)

Common

Segregating

glutinous

Red hulls		Mottled Red Hulls		Red Hulls		Mottled Red Hulls		Red Hulls		Mottled Red Hulls	
Rough	Smooth	Rough	Smooth	Rough	Smooth	Rough	Smooth	Rough	Smooth	Rough	Smooth
Red. apic	green. apic	Red. apic	green. apic	Red. apic	green. apic	Red. apic	green. apic	Red. apic	green. apic	Red. apic	green. apic
19											
20											
21											
22											
23											
24											
25											
26 1											
27		1			1						
28 11				1	1						
29 1				1							
30											
7-1	111			1 11	1	1			1		
2 1				2 1					2		
3				3 1	1				3		
4 11		11		4 1	1				4		
5	1			5		1			5		
6 1111 1				6				1	6		
7 11				7					7		
8 1		1		8 1					8		
9		1		9 1	1				9		
10 1111		111		10 111 1		1	1		10		
11	1			11 1					11		
12 11 1		1		12					12		
13	1			13		1		1	13		
14 1		1		14					14		
15				15					15		
16				16					16	1	
17				17					17		
18				18					18		
19				19					19		
20				20					20		
21				21					21		
22				22					22		
23				23					23		
24				24					24		
25				25					25		
26				26					26		

1939

HYBRID - NURS.

4197 for pull
4205, Colored leaves,
4201, "

24
24
24
24
16



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720-B6	720-D6	6 Columns to Right
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edit Hapl

do

Hap shoots ^{not} tested from same shoot as 2 tested plants showing normal growth

3033 Hapl

do

do

do

Blank

Blank

3033 hap

do

BR 1 row

BR 1 row

Ap - Tuck + BR

Tuck River 1 row

do 1 row

Shintner parents

To cut 2013 glutinous

X 2153 - Mostly sterile, save plant.

✓ 2264 - cut and mill for cooking test

✓ 2266 - " " "

✓ 2287

✓ 2301 - like Intima, may be Fortuna

related to 2301

✓ 2312 - good stem type, vigorous

✓ 2317 - may be a BR, examine before cutting

✓ 2358 -

✓ 2362 -

✓ 2376 -

✓ 2372 -

✓ 2388 -

X 2419 - save a sterile plant.

✓ 2432 -

✓ 2443 -

✓ 2445 -

✓ 2455 - cut this one if it does not develop Antheridia, may be BR.

✓ 2704 - save a fresh plant, save plant seed,

✓ 2954

after 10/12/39 not cut yet

3045 -

3089 - dig up and plant (uncut) X

3094 - do. X

3105 - cut 2

3146 - cut 3

3211 - cut 4

3217 - cut 5

					D A T E S			PLANT LODG		SHAT- TERING	DISEASES			
					✓	HEADING	RIPENING	HT. (in.)	ING %		H.O.	Cercospora	White Tip	Entom
						1ST FULL	1ST FULL							
F11 LINES														
283A	1-3-9-1-1-1-1-1-1	Edith x Fortuna	2004	2001	7/31	8/8	good							+
283A	2-2-3-1-1-2-1-3-1	EXF	2008	2002	8/15	8/23	9/9	Cut 9-9			20	with		
	2-2-3-1-1-2-1-4-1	EXF	2009	2003	7/25	S		2 mid						
	2-2-3-1-1-2-1-4-2	EXF	2009	2004	8/16	8/24								
	2-2-3-1-1-2-1-5-1	EXF	2010	2005	8/15	8/24		2 mid						
	2-2-3-1-1-2-1-5-2	EXF	2010	2006	8/16	8/23								
	9-3-4-1-1-1-1-1-1	EXF	2022	2007	8/1	8/10								
	9-3-4-1-1-1-1-1-2	EXF	2022	2008	8/4	8/12								
	9-3-4-1-1-1-1-1-3	EXF	2022	2009	8/2	8/9	9/26	2 E						
	9-4-6-1-1-1-1-1-1	EXF	2023	2010	8/3	8/1		1-E						
	9-4-6-1-1-1-1-1-2	EXF	2023	2011	7/28	8/7								
	9-4-6-1-1-1-1-1-3	EXF	2023	2012	8/1	8/10								
	6-7-2-1-1-1-1-1-1	EXF	2031	2013	8/17	8/26		Cut						
	6-7-2-1-1-1-1-1-2	EXF	2031	2014	8/17	8/25		9/12	4-M					
	6-7-2-1-1-1-1-1-3	EXF	2031	2015	8/17	8/25			4-M					
	6-7-2-1-1-1-1-1-4	EXF	2031	2016	8/17	8/25			3-M					
F10 LINES														
292A	1-1-1-1-1-1-1-1	Cox Edith	2024	2017	7/25	8/4	good	9/23						
298A	10-2-1-1-1-1-1-1	COXH	2026	2018	8/16	8/24	very	9-12						
299A	Rogue from 1937 Nursery	(CAxH)	2137	2019	8/1	S								
	Edith, Check		35	2020	7/26	8/3								

10 LINES:

2914A
#36-7-1-1-1-2-1-1, CAxBR

2916A
#25-1-1-1-1-1-1, ExBR

25-1-1-1-2-1-1-1, ExBR

2917A
#28-1-2-2-1-1-1-1, BRxCG.

28-1-2-2-1-1-1-2, BRxCG.

29-2-1-1-1-1-1-1, BRxCG.

29-2-1-1-1-1-1-2, BRxCG.

2918A
#6-3-1-1-1-1-1-1, BRxD

6-3-1-1-1-1-1-2, BRxD

6-3-1-1-1-1-1-3, BRxD

17-4-1-1-1-1-1-1, BRxD

2919A
#8-3-1-1-1-1-1-1, HxBR

11-2-1-1-1-1-1-1, HxBR

11-2-1-1-2-1-1-1, HxBR

16-3-1-1-1-1-1-1, HxBR

22-1-1-1-1-1-1-1, HxBR

2920A
#3-4-1-1-1-1-1-1, IBRxF

10-3-1-1-1-2-1-1, IBRxF

10-3-1-1-1-2-1-2, IBRxF

EARLY PROLIFIC, CHECK.

DATES						PLANT CODG.		DISEASE	
HEADING	1ST EUL	1ST EUL	1ST EUL	1ST EUL	1ST EUL	HT.	ING	SHAT	ING
1ST EUL	1ST EUL	1ST EUL	1ST EUL	1ST EUL	1ST EUL	(IN.)	%	TERING	ING
MATURITY	FROM	GMS	ACRE	PER	PER	TEST	MILLING	DISEASE	
PLANT	1ST	PER	BU.	LBS.	SELS.	(LBS.)	HEAD TOTAL	H.O.	Cerco- spora
EMERG.	HEAD	ROW	BU.	LBS.	SELS.	(LBS.)	RICE RICE	spora	Tip

2036	2021	7/20	Seg						
2039	2022	7/19	Seg						
2041	2023	8/4	S						
2042	2024	7/25	8/3	good	8/24				
2042	2025	8/4	8/10	seg	hull color				
2043	2026	7/23	8/1	good					
2043	2027	7/26	8/1						
2044	2028	8/4	8/12	good	8/27	Cut-9-9			25 0-0
2044	2029	8/10	8/11	Fairly tall, return	line				
2044	2030	8/3	8/11						
2045	2031	8/1	8/11						
2047	2032	7/25	8/1		8/21				
2048	2033	7/21	7/30						
2049	2034	7/26	8/2	good	8/23	Cut-9-9			20 + 10
2050	2035	7/25	7/31						
2051	2036	7/28	8/4						
2054	2037	8/4	8/14						
2055	2038	7/27	8/2						
2055	2039	7/25	8/3						
✓	2040	7/24	8/1						

	DATES			PLANT LODG.		SHAT-		DISEASE	
	HEADING	RIPENING		HT.	ING	TERING	H.O.	Cerco-	White
	1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%			spora	Tip
	DAYS TO MATURITY FROM	YIELD DATA							
	PLANT EMERG.	1ST HEAD	PER ROW	BU.	LBS.	BBL.	TEST PER BU. (LBS.)	HEAD TOTAL RICE	RICE
F10 LINES:									
2920A 10-3-1-1-1-2-1-3, IBRxF	2055	2041	7/26 8/4						
2920A Rogue from 1937 Nursery (IBRxF)	2127	2042	7/26 8/4						
2920A do	2127	2043	7/25 8/4						
F9 LINES:									
312A 8-1-1-2-2-1-1, T.Fort x EP	2204	2044	7/20 7/29						
F9 LINES:									
317A 13-1-1-1-1-1-1, WxT.Fort #8	2058	2045	8/19		2 M.				
23-1-1-1-1-1-1, WxT.Fort #18.	2059	2046	7/19 7/30		2 E				
23-1-1-1-1-1-2, WxT.Fort #18	2059	2047	7/17 7/28						
23-1-1-1-1-1-3, WxT.Fort #18	2059	2048	7/24 8/1		8/25 Cut on 9/1				
28-2-1-1-1-1-1, WxT.Fort #18	2061	2049	7/20 S						
51-1-1-2-1-1-1, WxT.Fort #18	2063	2050	8/9 8/19		1 E				
51-1-1-2-1-1-2, WxT.Fort #18	2063	2051	7/28 8/5						
83-1-1-1-1-1-1, WxT.Fort #18.	2064	2052	8/11 8/11						
F8 LINES:									
321A 2-2-2-1-1-1-1, Rx D	2066	2053	8/6 8/1						
2-3-1-1-1-1-1, Rx D	2067	2054	8/7 S						
2-3-1-1-1-1-2, Rx D	2067	2055	8/4 8/4						
2-3-1-1-1-1-3, Rx D	2067	2056	8/4 8/15						
2-3-1-1-1-1-4, Rx D	2067	2057	8/7 S						
2-3-1-1-1-2-1, Rx D	2068	2058	8/5 S						
2-3-1-1-1-2-2, Rx D	2068	2059	8/9 S						
LADY WRIGHT, CHECK	10	2060	7/19 7/28						

		DATES			PLANT LODG.		SHAY- TERING	DISEASES			
		HEADING	RIPENING	HARV- ESTED	HT.	ING		H.O.	Cerro- spora	White Tip	Enty- loma
		1ST FULL	1ST FULL		(IN.)	%					
<u>3 LINES:</u>											
24A 2-3-1-1-1-23, RxD	2068	2061	8/4	8/14	V good	7-3 Cut 1/9					
2-5-3-1-1-1-1, RxD	2070	2062	8/3	8/12	V good						
2-5-3-1-1-1-2, RxD	2070	2063	8/4	8/13	V good						
2-5-3-1-1-1-3, RxD	2070	2064	8/6	8/14	V good						
<u>- LINES:</u>											
337A 7-3-2-2-1, (7482 x 5094)	2097	2065	7/30	8/9		1 amber			Seed	E	
337A 7-3-2-2-2, (7482 x 5094)	2097	2066	8/4	8/15		3 light amber			Seed	E	
7-3-2-2-3, (2482 x 5094)	2097	2067	8/1	8/15	S						
3310A 1-24-1-1-1, (7689 x E.)	2098	2068	7/10	7/30					wk		
1-24-1-1-2, (7689 x E)	2098	2069	7/26	8/4					wk		
1-24-1-1-3, (7689 x E)	2098	2070	7/18	7/28					wk		
1-24-1-1-3, (7689 x E)	2098	2071	7/24	8/11					wk		
1-24-2-1-1, (7689 x E)	2099	2072	8/13	8/17		1/3 cut on 9/9					
3313A 1-20-3-1-1, R x 7689	2101	2073	8/13	8/19	V G		2 M		10	0	0
1-20-3-1-2, R x 7689	2101	2074	8/7	8/17							
1-20-3-1-3, R x 7689	2101	2075	8/2	8/9	V good	8/25 cut in 9/9					
1-34-1-1-1, R x 7689	2102	2076	8/16								
1-34-1-1-2, R x 7689	2102	2077	7/24								
1-34-1-2-1, R x 7689	2103	2078	7/24								
1-34-1-2-2, R x 7689	2103	2079	7/24								
DELITUS, CHECK	48	2080	8/1	8/12							

			DATES		PLANT LODG- HT. (IN.)	ING %	SHAT- TERING H.O.	DISEASES			
			HEADING 1ST FULL	RIPENING 1ST FULL				HARV- ESTED	Cerro- spora	White Tip	E
F6-LINES:											
3313A	1-34-1-2-3, Rx7689	2103	2081	8/1	8/14						
3317A	9-6-1-1-1, (7689x5094)	2104	2082	8/2	S						
	9-6-1-2-1, (7689x5094)	2105	2083	8/1	8/11		1-E				
3318A	2-5-2-1-1, (7689xF)	2106	2084	7/27	S		1-E				
	3-6-1-1-1, (7689xF)	2107	2085	7/23	7/31						
	8-5-1-1-1, (7689xF)	2110	2086	8/7	8/16	9/4	cut on 9/9				
	8-5-1-1-2, (7689xF)	2110	2087	8/8	8/18		2-E				
F8-LINES:											
3513A	8-1-1, (2916A7-3-2xSBR)	2111	2088	7/27	8/1	grad	1-E				
3516A	2-1-1, (2916A10-4-2xSBR)	2113	2089	7/25	7/31		1-E				
	Blue Rose Sel. B374	2119	2090	8/27	8/4						
3516A	36-1-1, (2916A10-4-2xSBR)	2114	2091	8/2	8/13		3-E				
	36-1-1, (2916A10-4-2xSBR), 1938 Royale	2114	2092	8/17	8/25		3-M				
	36-1-1, (2916A10-4-2xSBR)	2114	2093	7/28	8/5						
Bulk Hybrid Selections + Others:											
36LS	24-1-1, long Short-GRAIN	2115	2094	7/28	8/4						
36LM	12-1, long x medium	2129	2095	8/4	S		3-later				
	Blue Rose, B371	2116	2096	7/25	8/5						
	Blue Rose, B372	2117	2097	7/24	8/4						
	Blue Rose, B373	2118	2098	7/23	7/31						
	Blue Rose, B375	2121	2099	7/25	8/4						
	EARLY PROLIFIC, check.	2124	2100	7/24	8/2						

				DATES		PLANT LODG.		CHATT TERING	DISEASES H.O. Cercospora White Tip Enty-loma
				HEADING	RIPENING				
				1ST FULL	1ST FULL	HARVESTED	HT. (IN.)	ING %	
	Blue Rose, B377	2/23	2101	7/24	8/3				
	FORTUNA x RED.	2/26	2102	7/27	8/8				
	FORTUNA x RED	2/26	2103	7/28	8/5				
	LATEX Selection	2/28	2104	8/4	S		4-M		
	LATEX Sel.	2/28	2105	7/28	S				
OFF TYPE	PLANT Selections:								
	Blue Rose (in 1937)	2/31	2106	8/8	8/18		1-Late		
	"	2/32	2107	8/9	8/18		3-M		
	EARLY Prolific sel.	2/33	2108	7/28	8/9		2-E		
	Blue Rose, B376	2/22	2109	7/28	8/5				
	Blue Rose in 1937	2/32	2110	8/10	S		1-M		
	EARLY PROLIFIC Sels.		2111	7/19	7/27				
m	Hugh Long FARM, 1938 crop		2112	7/21	7/31				
	MADE by J.W.S. and H.M.B.		2113	7/20	7/31	dead cut on 9/9 not typical ep			
	B391D, EP		2114	7/20	7/30		1-E		
	"		2115	7/27	8/1	old	1-E		
	"		2116	7/25	7/31		1-E		
	"		2117	7/19	7/28				
	"		2118	7/21	7/31				
	"		2119	7/26	8/2				
	EARLY PROLIFIC, Check	✓	2120	7/29	8/3				

FROM HUGH LONG FARM, 1938 CROP.
MADE BY J.W.J. + N.M.B.

Early Prolific Sels.

391L, EP

Early Prolific, 1937 Sel.

Early Prolific, 1937 Sel

Early Prolific, 1937 Sel.

"

"

"

EARLY PROLIFIC, B379

Early Prolific, 1937 Sel.

Shoemed, Check.

2133

2132

2141

2142

2142

2142

2143

2144

"

2121

2122

2123

2124

2125

2126

2127

2128

2129

2130

2131

2132

2133

2134

2135

2136

2137

2138

2139

2140

DATES		PLANT LODG.		DISEASES		
HEADING	1ST FULL	1ST FULL	HARVESTED	HT. (IN.)	ING %	SHATTERING
						H.O. Cerco-spora White Tip Ent lom

7/19 7/28

7/26 8/1

7/24 8/1

7/26 8/3

7/24 8/2

7/27 8/4

7/27 7/28

7/27 7/28

7/27 7/28

7/26 8/2

7/25 8/2

7/28 8/5

7/19 8/1

7/28 8/4

7/25 8/2

8/1 8/10

7/24 8/1

7/25 7/28

7/26 8/1

8/2 8/11

1-E

1-E

2-M

1-E

2-E

2-E

good 23 cut on 7/9, 3 with type

good

good

good

				DATES		PLANT LODG.		DISEASES				
				HEADING	RIPENING	HARV- ESTED	HT. (IN.)	ING %	SHAT- TERING I.O.	Cercos- pora	White Tip	Enty- loma
				1ST FULL	1ST FULL							
Guininto,	1937 sel	2145	2141	7/25	8/1							
"	"	2145	2142	7/27	8/5				7 inch good.			
Edith		2134	2143	7/24	8/4			8/25				
Edith		2135	2144	7/30	8/10			8/27	4-E			
Edith		2135	2145	7/24	8/4				Make several sels from this row.			
Lady Wright (Devets 1937)		2148	2146	7/19	7/25				good			
"		2148	2147	7/18	7/26				good			
"		2157	2148	7/19	7/27							
"		2154	2149	7/25	8/1							
"		2155	2150	7/28	8/4				1-E			
"		2157	2151	7/26	8/4				1-E			
"		2156	2152	7/24	7/29				good. 1-E			
Edith Sels, MADE in 1938			2153	7/28	8/11				mostly stony, some plant			
reared to be resistant to cerc.			2154	7/27	8/8							
"			2155	7/28	8/3							
"			2156	8/3	8/11							
"			2157	7/28	8/5							
"			2158	7/26	8/7							
K-Hybrid Sels:			2159	8/2	8/11							
Edith x Dwarf												
Edith - check		35	2160	7/27	8/6							

				DATES			PLANT LODG.		DISEASES		
				HEADING	RIPENING		HT.	ING	SHAT-		
				1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%	TERING	H.O.	Cerco- spora
											White Tip
											Er lo
Bulk-Hybrid Sels:											
332/A38-2	Edith x Dwarf, (1938)			2161	8/1		S for dwarf				
3				2162	7/27	8/4	Sig for dwarf				
4				2163	7/27	8/5					
5				2164	7/24	8/4	Sig for dwarf				
6				2165	7/26	8/4		1-E			
7				2166	7/29	8/10					
8				2167	7/24	8/2	good				
9				2168	7/27	8/3					
16				2169	7/27	8/5					
11				2170	7/28	8/4	good	3-E			
12				2171	7/28	8/6		1-E			
13				2172	8/1	8/10					
	Shoemed Sel, (1938)			2173	7/28	8/3	good 8/23	21-E		several ribs from this row.	
	"			2174	8/1	8/10	good 8/25				
	"			2175	7/20	7/27					
<u>MIDSEASON GROUP</u>				<u>File Lines</u>							
283A6-4-1-1-2-1-1-1-1, EXF.				2487	2176	8/24					
6-4-1-1-2-1-1-1-2, EXF.				2487	2177	8/24					
6-4-1-1-3-1-1-1-1, EXF				2489	2178	8/22	8/27				
6-7-10-1-1-1-1-1-1, EXF				2490	2179						
Fontana, Check				43	2180	8/4	8/26				

		DATES		PLANT LODG.	HT. (IN.)	ING %	SHAY- TERING	DISEASES
		HEADING 1ST FULL	RIPENING 1ST FULL					
				HARV- ESTED				H.O. Cerco- White Enty- spora Tip loma
1- LINES:								
283A 10-3-4-1-1-2-1-1, EXF.	2498	2181	8/19 8/26					
10-3-4-1-1-2-1-1-2, EXF	2498	2182	8/17 8/25					
Edith x Fortune, Odd plant add plant	2848	2183	8/23				1- for odd group	
ExF Rogue from 1937 nursery	3052	2184	8/15 S				2-M	
LINES: (F10)								
Sel from B291A 19-3-1, EXCA.	2486	2185	8/10 S				1-M	
291A 11-3-2-1-1-1-1, EXCA.	2499	2186	8/16					
11-3-2-1-1-1-2, EXCA	2499	2187	8/22					
294A 12-2-1-1-1-1-1, B x E.	2503	2188	8/21					
291A A Sel from B291A 19-3-1, EXCA.	2486	2189	8/1 S					
295A 13-3-2-3-2-1-1-1, EXK.	2167	2190						
10-1-1-1-1-1-1, EXK.	2504	2191	8/23					
10-1-1-1-1-1-2, EXK.	2504	2192	8/22					
20-1-3-1-1-1-1-1, EXK	2510	2193	8/25					
20-1-3-1-1-1-1-2, EXK	2510	2194	8/26					
297A 21-1-1-2-1-2-1-1, COXD	2511	2195	8/16 8/26					
21-1-1-2-1-2-1-2, COXD	2511	2196	8/14 8/25					
299A 13-1-1-1-1-2-1-1, CAXH.	2173	2197	8/9 S					
13-1-1-1-1-2-1-2, CAXH	2173	2198	8/24					
13-1-1-1-1-2-2-1, CAXH	2174	2199	8/25					
CALORO, CHECK	51	2200	8/28 8/9					

		D A T E S			P L A N T L O G G -		D I S E A S E S		
		HEADING	RIPENING		HT.	ING	SHAT-		
		1ST FULL	1ST FULL	HARV-	(IN.)	%	TERING	H.O.	Cerco- White Enty
				ESTED					spora Tip lom
FIO- LINES:									
299A	13-1-1-1-2-2, CAxH	2174	2201	8/10 S		4-M			
298A	10-3-2-1-1-1-1, COxH	2512	2202	8/25		✓			
	10-3-2-1-1-1-2, COxH	2512	2203	8/25		1-M			
	10-2-1-1-1-2-1-1, COxH	2515	2204	8/24		L			
2911A	5-1-1-1-1-1-1, KxH	2176	2205						
	5-1-1-1-1-2-1, KxH	2177	2206	7/24 S					
	5-1-1-1-1-2-2, KxH	2177	2207						
	5-1-1-1-1-2-3, KxH	2177	2208	7/23 S					
	5-1-1-1-1-3-1, KxH	2178	2209	7/24 S					
	5-1-1-1-1-3-2, KxH	2178	2210	8/11 S					
	4-1-2-1-1-1-1-1, KxH	2182	2211	8/18 8/26					
2912A	10-1-1-1-1-1-1, KxBR	2184	2212	8/14 8/19		1-M			
	37-1-1-1-1-1-1, KxBR	2187	2213	8/11 8/18		1-M			
	37-1-1-1-1-1-2, KxBR	2187	2214	8/13 8/23		2-M			
292A	8-4-1-1-1-1-1, COxE.	2164	2215	7/26 8/9		1-E			
	8-4-1-1-1-1-2, COxE	2164	2216	8/1 8/14		3-E			
	8-4-1-1-1-1-3, COxE	2164	2217	8/2 8/13		3-E			
2913A	24-4-1-1-1-1-1, COxBR	2191	2218	8/5 8/16		3-E			
2914A	14-1-1-1-2-1-1, CAxBR	2193	2219						
	Blue Rose, Check	87	2220	8/21					

F8 LINES:

322A3-9-1-1-1-1-1, R x T.F.

2-1-1-1-1-1, R x T.F.

2-15-2-1-1-1-1, R x T.F.

2-15-2-1-1-1-2, R x T.F.

323A1-2-3-1-2-1-1, R x SBR

1-2-4-1-1-1-1, R x SBR

Edith. Sel.

323A1-10-1-1-4-1, R x SBR

8-2-1-1-1-1, R x SBR

3-2-1-1-1-1-2, R x SBR

3-2-1-1-1-1-3, R x SBR

3-2-1-1-1-1-4, R x SBR

5-16-2-1-2-1, R x SBR

1-2-3-1-3-1-1, R x SBR

1-13-5-1-1-1-1, R x SBR

324A1-16-3-2-1-1-1, R x S094

1-16-3-2-1-1-2, R x S094

2-6-1-1-1-1-1, R x S094.

325A1-1-1-1-1-1, R x S810

Shoemed, check.

DATES		PLANT LOGS		DISEASES		
HEADING	RIPENING	HT.	ING	H.O.	Cerco-	White
1ST FULL	1ST FULL	(IN.)	%	SPERM	spora	Tip
						Enty-
						loma

2227	2241	8/11	S			
2562	2242	8/21				
2572	2243	8/18 8/26				
2572	2244	8/18	1-M			
2231	2245	8/22				
2233	2246	8/17 8/25				
2135	2247	8/10 8/18				
2237	2248	8/10 S				
2241	2249	8/4 8/16	3-E			
2241	2250	8/25				
2241	2251	8/4 S				
2241	2252	8/2 S				
2247	2253	8/17 8/26	1-M			
2594	2254	8/28 8/7				
2605	2255	8/17 8/25	1-M			
2646	2256	8/11 8/19	2-M			
2646	2257	8/26 8/4				
2647	2258	8/18 8/25				
2251	2259	8/1 S				
	2260	8/4 8/10				

8 LINES:

SA1-1-1-1-2-2, Rx5810

2252 2261 7/25 S

1-1-1-1-2-3, Rx5810

2252 2262 7/28 S

1-1-1-1-2-4, Rx5810

2252 2263

326A
#1-4-1-1-2-1-1, Rx5947

B326A 3912

2253 2264 8/1 S

8/30 cut for milling test

1-4-1-1-2-1-2, Rx5947

2253 2265 8/4 S

4-Late 1-in umi

1-4-1-1-2-1-3, Rx5947

B326A 3913

2253 2266 8/3 S

8/30 cut for milling test 1-in umi

1-10-6-1-1-1, Rx5947 (F7)

2262 2267 8/4 S

1-in umi

1-10-6-1-1-2, Rx5947 (F7)

2262 2268 8/8 S

3-Late 1-in umi

1-10-6-1-3-1, Rx5947 (F7)

2264 2269 8/1 S

3-Late 1-in umi

1-10-6-1-3-2, Rx5947 (F7)

2264 2270 8/4 S

5-Late 1-in umi

1-10-6-1-3-3, Rx5947 (F7)

2264 2271 8/1 S

1-Late

1-10-6-1-3-4, Rx5947 (F7)

2264 2272 8/7 S

1-Late

327A
#2-11-1-1-1-1-1, Rx6018

for disease report

2261 2273 8/4 S

312A
#8-1-1-2-2-1-1, T.Fort x E.P.

2204 2274 8/7 8/26

4-M good

328A
#A1-9-1-1-2-1, EP x T.Fort (F7)

2286 2275 7/15 8/24

1-6-2-2-3-1, E.P. x T.Fort (F7)

2270 2276 8/7 8/17

1-7-3-1-1-1, EP x T.Fort (F7)

2272 2277 8/10 8/18

2-M

1-7-3-1-2-1, EP x T.Fort (F7)

2273 2278 8/11 8/21

3-M

1-7-3-1-2-2, EP x T.Fort (F7)

2273 2279 8/12 8/22

2-M

Early Prolific, Check

2280 7/25 8/4

		DATES			PLANT LODG.		DISEASES					
		HEADING	1ST FULL	1ST FULL	HARVESTED	HT. (IN.)	ING %	SHATT-TERING	H.O.	Cerco-spora	White Tip	Enty-loma
<u>F7-LINES</u>												
328A1-8-2-1-1-1, EP x T. Fort.	2279	2281	8/18	8/21	9/20 cut	1-M				Very good,		
1-9-1-1-1-1, EP x T. Fort.	2285	2282	8/16	8/18	3 plants	✓						
2-7-1-1-1-1, EP x T. Fort	2287	2283	8/16	2 plants		1-M						
2-7-1-1-1-2, EP x T. Fort	2287	2284	8/12	8/18		✓						
2-7-1-1-1-3, EP x T. Fort	2287	2285	8/12	8/17		✓						
312A 8-1-1-2-5-1-1, T. Fort x EP (F8)	2550	2286	8/16			20 sets.	2-M					
8-1-1-2-5-1-2, T. Fort x EP (F8)	2550	2287	7/27	S		3-M						
8-1-1-2-5-1-3, T. Fort x EP (F8)	2550	2288	8/15	8/19	9/10 cut	Very good, clean						
313A 5-1-1-1-1-1-1, S.P. x T. Fort.	2551	2289	8/17	8/26	Very little leaf drying.	5-M						
5-1-1-1-1-1-2, S.P. x T. Fort.	2551	2290		1 plant		✓						
314A 2-1-1-1-1-1-1, S.P. x S.J.	2552	2291	8/11	S		4-M						
2-1-1-1-1-1-2, S.P. x S.J.	2552	2292	8/4	S		1-M						
<u>F6-LINES</u>												
331B/1	C.I. 7482 x Storm Proof	2293	8/18			✓						
2	del. made 9/19/38 from Bulk-Hybrid plots.	2294	8/18			✓						
3		2295	8/24			1-M						
4		2296	8/19	8/17		1-M						
5		2297	8/18			2-M						
6		2298	8/4	8/15		✓						
332B/10	Rexoro x C.I. 7482 (Bulk-Hybrid)	2299	8/10	8/20		1-M						
	del. made 9/19/38					✓						
	Rexoro, Check.	86	2300									

LINES:

				DATE		HARVESTED	PLANTING (IN.)	%	SHOOTING	H.O.	DISEASES		
				1ST	FULL						Cerco-spora	White Tip	Enty-loma
333B 1	Rexoto x C.I. 7482 (Bulk-Hybrid)	2301	8/16	8/25	9/12	cut							
2		2302	8/16	S		1 - M							
3		2303	7/29	S		1 - E							
4		2304	8/15	8/25		2 - M							
5		2305	8/13	8/17									
6		2306	8/9	8/17									
7		2307	7/28	8/5									
8		2308	8/23			1 - M							
9		2309	9/5	8/16									
		2291. 2310	8/6	8/15		3 M							
		2292. 2311	7/25	S		5 M + Late							
	Rogue	2293. 2312	8/24			9/20 cut							
		2293. 2313	7/24	S		2 - M							
333B 3	C.I. 7482 x Fortuna (Bulk-Hybrid)	2314	8/17			1 - M							
	Seeds made 9/19/38	2315	8/10	S		2 - M							
4		2316	7/25	8/5									
5		2317	8/22	S		1 - M							
6		2318	7/27	8/6		2 - E + M							
7		2319	8/11	8/17									
8		2320	8/3	8/11									
	Shoemed, check												

Uniform row, many sterile plants in all panicles

				DATES		PLANT LOGS		DISEASES			
				HEADING	RIPENING	HARVESTED	HT. (IN.)	ING %	SHADE	CERCO-SPORA	WHITE TIP
				1ST FULL	1ST FULL				TERING H.O.		
FB-LINES:				2320							
B333B-1	C.I. 7482 x Fortuna (Bulk-Hybrid)			2321							
	Sels. made 9/19/38										
-9				2322	7/28 S						
B-2-				2323	8/19						
-10				2324	8/11 S						
-11				2325	8/1 S						
-12				2326	8/19 9/25						
-13				2327	8/10 8/19						
B334B-1	C.I. 7482 x Delitas (Bulk-Hybrid)			2328	8/18 9/25						
	Sels. made 9/19/38										
B334B-1-1				2329	9/23						
				2330	8/18						
				2331	8/11 S						
				2332	9/21						
				2333	8/10 8/18						
				2334	8/1 8/11						
337B2	C.I. 7482 x C.I. 5094 (Bulk-Hybrid)			2335	8/9 S						
	Sels. made 9/19/38										
B337B1				2336	8/16 S						
337B3				2337	8/11 S						
4				2338	8/4 S						
5				2339	8/17						
	Shoemed, Check			2340	8/6 8/13						

				DATES		PLANT LODG.		SHOOT		DISEASES		
				HEADING	RIENING		HT.	ING	TERING	H.O.	Oerco-	White
				1ST FULL	1ST FULL	HARV-ESTED	(IN.)	%			spora	Tip
												Enty-loma
LINES:												
37756 C.I. 7482 x C.I. 5094 (Bulk Hybrid)				2341	8/7 8/18							
7				2342	7/28 8/5							
8				2343	8/8 8/18							
9				2344	8/16 8/25				1-M			
10				2345	7/30 S.							
11				2346	8/7 8/18				1-M			
12	B 3388	3918		2347	8/18 8/27	8/23 cut						
13				2348	8/18							
14				2349	8/23							
33881 F1 Rex x C.I. 5947 x C.I. 7482 (Bulk-hybrid)				2350	8/22				1-M			
2				2351	8/12	new envelope			1-M			
3				2352	8/16							
4				2353	8/17				1-M			
5				2354	8/18					is apparently, Fortune		
6				2355	8/15 8/23				1-M			
7	B 3388	3919		2356	8/16 8/24	8/23 cut						
8				2357	8/16 8/25							
9				2358	8/16 S				1-M			
10				2359	8/3 S				1-M	purple lines, some flat plants in row		
	Early Prolific, check			2360	7/26 8/3							

				DATES			PLANT LODG.		SHAT- TERING H.O.	DISEASES		
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		Cerco- spora	White Tip	F
F6- LINES:												
338B11	F1 [Rex x C.I. 5947] x C.I. 7482 (Bulk-hybrid)			2361	8/25 S		2-M					
Sds made 9/19/38												
B338B3920				2362	8/15 S		9/10 cut					
				2363	8/15 S		✓					
339B1	C.I. 7482 x F1 (Rex x C.I. 5810) (Bulk-hybrid)			2364	8/25		✓					
Sds made 9/19/38												
2				2365	8/16		4-M					
3				2366	8/16		✓					
3311B1	C.I. 7689 x Storm Proof. (Bulk-hybrid)			2367	8/10 S		2-M					
Sds made 9/19/38												
2				2368	8/12 8/19		✓					
3				2369	8/26 S		1-M					
4				2370	8/19		3-M			quite resistant to		
5				2371	8/18 S		✓			good plant top		
6				2372	8/8 S		✓					
3312B2	C.I. 7689 x Delitus (Bulk-hybrid)			2373	8/21		2-M					
Sds made 9/19/38												
3				2374	8/18 S		2-M					
4				2375	8/24 S		1-M					
5	B3312B3921			2376	8/18		new envelope 1-M 9/24 cut					
6				2377			✓					
7				2378	8/10 S		✓					
8	P3312B3921			2379	8/21		3-M					
Delitus, Check.				48 2380	8/19 8/17							

			D A T E S				P L A N T L O D G -		SHAK- TERING	D I S E A S E S				
			HEADING	RIPENING		HARV- ESTED	HT.	ING		H.O.	Cercos- pora	White Tip	Enty- loma	
			1ST FULL	1ST	FULL		(IN.)	%						
3312B9	C.I. 7689 x Delitas (Bulk-hybrid)	2381	8/19				2-M							
	<i>file made 9/9/38</i>													
B3312B	3922	2382	8/18		9/23	cut								
11		2383	8/17			✓								
3314B1	C.I. 7689 x Colusa (Bulk-hybrid)	2384	8/17	8/25		✓								
	<i>file made 9/19/38</i>													
2		2385	8/16	8/25		✓								
3		2386	8/16	8/24		1-M								
4		2387				1-M								
5(B)	3314B3923	2388	8/21		9/28	2-M cut								
6		2389	8/17	8/25		1-M								
7		2390	8/18	8/25		✓								
8(B)	3314B41	2391	7/23	S		3	lots							
9		2392	8/4	S		✓								
10		2393	7/28	S		✓								
3317B	C.I. 7689 x C.I. 5094 (Bulk-hybrid)	2394				✓								
	<i>file made 9/19/38</i>													
		2395	8/18			✓								
		2396	8/25			✓								
		2397	8/18			✓								
		2398	8/18			✓								
		2399	8/21			✓								
Caloro, Check.	51	2400	7/27	8/8		✓								

		DATES			PLANT LODG.	HT. (IN.)	ING %	SHAT-TERING	DISEASES
		HEADING 1ST FULL	RIPENING 1ST FULL	HARVESTED					
F6- LINES:									
337A	7-3-1-2-1, (7482x5094)	2298	2401	4/11		1-M			
	7-3-1-3-1, (7482x5094)	2299	2402	8/16 8/25		1-M			
	7-3-2-1-1, (7482x5094)	2301	2403	8/25		3-M			
	7-3-2-1-2, (7482x5094)	2301	2404	8/11 S		2-M			
	7-3-2-1-3, (7482x5094)	2301	2405			3-M			
	7-3-2-1-4, (7482x5094)	2301	2406	8/18		✓			
	7-3-2-1-5, (7482x5094)	2301	2407	8/16 8/25		✓			
	7-3-2-1-6, (7482x5094)	2301	2408	8/24		✓			
	7-3-2-2-1, (7482x5094)	2302	2409	8/18		5-M			
	7-3-2-3-1, (7482x5094)	2303	2410	8/23 S		1-M			
	7-3-2-3-2, (7482x5094)	2303	2411	8/9 S		1-M			
	7-3-2-3-3, (7482x5094)	2303	2412	7/23 S		4-M			
	7-3-2-3-4, (7482x5094)	2303	2413	7/24 S		✓			
	7-3-2-4-1, (7482x5094)	2304	2414	8/16 8/25		3-M			
	7-3-2-5-1, (7482x5094)	2305	2415	8/3 S		3-M			
	7-3-2-5-2, (7482x5094)	2305	2416	8/4 S		3-M			
	7-3-2-5-3, (7482x5094)	2305	2417	7/27 S		2-M			
	7-3-1-1-1, (7482x5094)	2672	2418	8/12 8/20		✓			
	7-3-1-1-1, (7482x5094)	2672	2419	7/28 S		2-M			
		45	2420	8/15 8/25					

Nira, check.

				DATES			PLANT LODG.		SHAT- TERING	H.O.	DISEASES		
				HEADING	RIPENING		HT. (IN.)	ING %			Cercospora	White Tip	Enty- loma
				1ST FULL	1ST	FULL							
LINES.													
7-3-1-1-3,	(7482 x 5094)	2672	2421	8/18			4 M,						
7-3-1-1-4,	"	2672	2422				3 - M						
7-3-1-1-5,	"	2672	2423	8/25			2 - M						
	"	2673	2424	8/19			✓						
7-3-2-1-1,	"	2674	2425	7/30	5		✓						
338A 4-6-1-2-1,	(F, [Rex. x C.I. 5947] x C.I. 7482)	2307	2426	8/11	S		✓						
3310A 4-16-1-1-1,	(C.I. 7689 x Edith)	2313	2427	7/23	S		✓						
1-16-1-1-2,	"	2313	2428	7/24	S		2 - M						
1-18-1-1-1,	"	2314	2429	8/14	8/23		✓						
1-19-1-1-1,	" B3310H5924	2315	2430	8/15	8/25	1/20	cut M mildew						
1-19-1-1-2,	"	2315	2431	8/18			1 - M						
1-19-1-2-1,	"	2316	2432	8/10	S		2 - M						
1-19-1-2-2,	"	2316	2433				5 - M						
3313A 1-2-2-1-1,	Rexorox C.I. 7689	2319	2434	8/18			✓						
1-2-2-2-1,	"	2321	2435	8/11	8/24		1 - M						
1-2-2-3-1,	"	2322	2436	8/15	S		✓						
1-2-2-4-1,	"	2323	2437	8/9	8/19		✓						
1-2-2-4-2,	"	2323	2438	8/9	8/19		1 - M						
1-3-1-1-1,	—	2324	2439	8/16	S		3 M (12 spots)						
Shoemed, check,			2440	8/4	8/11		✓						

		DATES			PLANT LOSS		SHATTING		DISEASES	
		HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	SHATTING H.O.	Cerco- spora	White- Tip	
F6- LINES:										
3313A1-4-1-1-1, Rexoro x C.I. 7689	2325	2441	8/24							
1-4-1-1-2, "	2325	2442	9/23		2-M					
1-4-1-2-1, B3313A 3925	2326	2443	9/25	9/26 cut						
1-4-1-2-2, "	2326	2444	8/23							
1-4-1-3-1, "	2327	2445	9/26	9/26 cut						
1-16-1-1-1, "	2334	2446	8/15 8/23							
1-16-1-2-1, "	2335	2447	8/23							
1-16-1-2-2, "		2448	8/13 8/20 (stiffer plant)	1-M						
1-16-1-2-3, "		2449	8/4 8/20 (1-offtype plant)	1-M						
1-16-1-2-4, "		2450	8/12 8/19	1-M						
3512A1-4-2-1, (314A8-2-3-1 x SBR) for disease resist	2337	2451	8/12 8/20							
3313A1-20-1-2-1, Rexoro x C.I. 7689	2338	2452	8/12 S	2-M						
1-20-3-2-1, "	2342	2453	8/1 S	2-M						
1-20-3-2-2, "		2454	8/4 S	2-M						
3314A1-6-1-1-1, (C.I. 7689 x Colusa) B3314A 3927	2343	2455	8/21	9/25 cut, short clean stem						
3317A11-10-1-2-1, (7689 x 5094)	2350	2456	8/10 S	quite resistant to H.O.						
11-12-1-1-1, "	2354	2457	7/19 S	1-M short stiff stem						
3318A1-2-1-2-1, (7689 x Fortuna)	2358	2458	8/11 S							
2-5-2-2-1, "	2366	2459	8/21							
Fortuna, Check.	43	2460	8/13 14 15 16 17 18 19 20 21 22 23 24							

				DATES		PLANT LODG- HT. (IN.)	ING %	SHAT- TERING	DISEASES		
				HEADING	RIPENING				H.O.	Cercospora	White Tip
				1ST FULL	1ST FULL						
6- LINES:											
18A2-3-1-2-1, (7689 x Fortuna)		2363	2461	8/10	S	1-M					
3-6-1-1-1,	"	2370	2462	7/26	S	1-M					
3-6-1-1-2,	"		2463	7/28	S	✓					
4-2-1-1-1,	"	2372	2464	8/1		1-M					
4-2-1-2-1,	"	2373	2465	8/11	8/23	2-M					
	for disease resist										
2-5-1-1-1,	"	2689	2466	7/24	S	✓					
2-5-1-2-1,	"	2690	2467			2 late					
4-2-1-1-1,	"	2691	2468	8/22		1-M					
	for disease resist										
1- LINES: (FA) Kameji x Shoemed		3067	2469	8/1	S	new envelope					
351A 1-5-1,						✓					
351A											
1-5-2,	"		2470	8/4	S	2 M					
1-5-3,	"		2471	7/20	7/28	high yield type					
1-6-1,	"	3068	2472	7/20	S	2 M					
1-9-1,	"	3071	2473	7/20	7/28	✓					
1-9-2,	"		2474	7/24	8/4	2-E					
1-10-1,	"	3072	2475	8/20		3-late					
1-10-2,	"		2476	8/17	8/25	2-M					
1-14-1,	"	3076	2477	7/22	S	✓					
1-13-1,	"	3075	2478	7/23	S	1-M					
1-15-1,	"	3077	2479	7/18	7/28	✓					
Shoemed, Check,			2480	8/12	8/22	✓					

				DATES		PLANT LODG.		SHAT- TERING		DISEASES	
				HEADING	RIPENING	HT.	ING	H.O.		Cerco-	White
				1ST FULL	1ST FULL	(IN.)	%			spora	Tip
F4-LINES:											
35/A1-16-1,	Kamejix	Shoemed.	3078	2481	7/28 S		✓				
1-16-2,	"			2482	7/25 S		3 M				
1-17-1,	"		3079	2483	7/24 S		✓				
1-18-1,	"		3081	2484	7/17 S		✓				
1-18-2,	"			2485	7/17 S		✓				
1-20-1,	"		3083	2486	8/25 S		✓				
1-21-1,	"		3084	2487	8/25 S		2-l				
1-21-2,	"		3084	2488	8/24 S		✓				
1-22-1,	"		3085	2489	8/16		3 M.				
1-22-2,	"			2490	8/17		1-M				
1-24-1,	"		3087	2491	8/25 S		2-late				
1-26-1,	"		3089	2492	7/15 S		2-M.				
1-26-2,	"			2493	8/17 S		1-late				
1-27-1,	"		3090	2494	7/18 S		✓				
1-28-1,	"		3091	2495	7/18 S		✓				
1-28-2,	"			2496	7/14 S		✓				
1-31-1,	"		3094	2497	8/25 S		1-late				
1-31-2,	"			2498	8/16		1-M				
1-32-1,	"		3095	2499	7/25 S		✓				
Early Prolific, Check				2	2500	7/25 8/12	✓				

			DATES				PLANT LODG.		DISEASES				
LINES:			HEADING	1ST FULL	1ST FULL	HARV-ESTED	HT. (IN.)	ING %	SHATT-TERING	H.O.	Cercospora	White Tip	Enty-loma
41-32-2,	Kamej x Shoemed.	3095	2501	8/24			1- late						
1-33-1,	"	3096	2502	9/23			1- late						
1-34-1,	"	3097	2503	7/26	S		✓						
1-34-2,	"		2504	7/24	S		✓						
1-34-3,	"		2505	8/16	9/24		✓						
1-34-4,	"		2506	8/19			✓						
1-34-5,	"		2507	7/19	S		✓						
1-35-1,	"	3098	2508	7/20	S		✓						
1-37-1,	"	3101	2509	7/23	S		✓						
1-40-1,	"	3104	2510	7/27	S		✓						
1-37-2,	"	3101	2511	8/17			✓						
1-38-1,	"	3102	2512	7/17	S		✓						
1-38-2,	"		2513	7/20	7/28		✓						
1-39-1,	"	3103	2514	7/20	7/28	full leaf plants	✓						
1-41-1,	"	3105	2515	8/24			✓						
1-41-2,	"		2516	8/11	9/21		✓						
1-41-3,	"		2517	8/8			✓						
1-42-1,	"	3106	2518	8/12			2- late						
1-42-2,	"		2519	8/18			2 M						
	Blue Rose, check	87	2520	8/18	8/25								

				DATES		PLANT LOGS		SHAT- TERING		DISEASES	
				HEADING	RIPENING	HT.	ING	H.O.		Cerco-	White
				1ST FULL	1ST FULL	HARV- ESTED	(IN.)			spora	Tip
F4-LINES:											
351A1-42-3,	Kameji' x Shoemed.	3106	2521	8/18			3-M				
1-46-1,	"	3110	2522	7/22	3/8		✓				
1-49-1,	"	3113	2523				1-late				
1-53-1,	"	3117	2524	7/23	S		✓				
1-51-1,	"	3115	2525	8/1	S		✓				
1-51-2,	"		2526				✓				
1-52-1,	"	3116	2527	7/24	S		2-M				
1-52-2,	"		2528	7/24	S		1-M				
1-53-2,	"	3117	2529	7/20	7/20		disc - char-meat				
1-53-3,	"		2530	8/8			1-M				
1-53-4,	"		2531	7/25	S		3 M. Very good				
1-55-1,	"	3119	2532				3-late				
1-55-2,	"		2533	8/11	S		1-M				
1-56-1,	"	3121	2534	7/25	S		1-late				
1-57-1,	"	3122	2535	8/4	S		✓				
1-58-1,	"	3123	2536	8/25	S		✓				
1-58-2,	"		2537	8/25			3-late				
1-58-3,	"		2538				2-late				
1-62-1	"	3127	2539	7/28	S		✓				
Fortuna, check.				43	2540	8/12	14	15	1	17	18
							1	2	2	1	13
							all=10				

				DATES			PLANT LODG.		SHAK.		DISEASES			
				HEADING	1ST FULL	1ST FULL	HARV-ESTED	HT. (IN.)	ING %	TERING	H.O.	Cerco-spora	White Tip	Enty-loma
4- LINES:														
64-1,	Kamejix Shoemed,	3129	2541	8/25				2 late						
64-2,	"		2542											
1-64-3,	"		2543					3- late						
1-64-4,	"		2544					✓						
1-64-5,	"		2545					2- late						
1-66-1,	"	3131	2546	9/23				5- late			a BK type			
1-66-2,	"		2547	9/22				✓						
1-66-3,	"		2548	9/22				3- late						
1-67-1,	"	3132	2549	8/17				1- late						
1-67-2,	"		2550	8/17				1- late						
1-68-1,	"	3133	2551	8/11				✓						
1-68-2,	"		2552	8/17				3 late						
1-68-3,	"		2553	8/17				✓						
1-69-1,	"	3134	2554	8/24				1 late						
1-70-1,	"	3135	2555	8/23				✓						
1-71-1,	"	3136	2556	7/20	S			1- late						
1-72-1,	"	3137	2557					✓						
1-72-2,	"		2558					✓						
1-73-1,	"	3138	2559	8/18				3 late						
	Shoemed, check.		2560	8/1	8/11			✓	✓					

				DATES		PLANT LODG.		SHAY.		DISEASES	
				HEADING	RIPENING		HT.	ING		SHAY.	DISEASES
				1ST FULL	1ST FULL	HARV-ESTED	(IN.)	%	TERING	H.O.	Cerco-spore White Tip
<u>F4-LINES:</u>											
351A1-73-1,	Kameji x Shoemed	3138	2561	7/18	S			3-	late		
1-74-1,	"	3139	2562		S			2-	late		
1-74-2,	"		2563	8/1	S			1-	late		
1-75-1,	"	3141	2564	8/2	S			3	late		
1-75-2,	"		2565	8/17	S			2	late		
1-75-3,	"		2566	8/17	S			2	late		
1-75-4,	"		2567	7/31	S			✓			
1-75-5,	"		2568	7/24	S			3 M			
1-78-1,	"	3144	2569	7/19	S			✓			
1-79-1,	"	3145	2570	8/25	S			6	late		
1-79-2,	"		2571	7/19	S			2	late		
1-80-1,	"	3146	2572	7/19	S			✓			
1-84-1,	"	3150	2573	8/23	S			2	late		
1-84-2,	"		2574	8/22	S			2	late		
1-86-1,	"	3152	2575	7/22	S			✓			
1-86-2,	"		2576	8/21	7/1			1	late		
1-87-1,	"	3153	2577	7/18	S			1	late		
1-87-2,	"		2578	7/20	S			3	late		
1-88-1,	"	3154	2579	7/24	S			✓			
Caloro, check,		51	2530	7/26	8/7			✓			

				DATE		PLANT LODG.		SHAT		DISEASES		
				HEADING	1ST FULL	1ST FULL	HT. (IN.)	ING %	TERING H.O.	Cerco-spora	White Tip	Enty-loma
				1ST FULL	1ST FULL	HARV-ESTED						
4- LINES:												
41-89-1,	Kamejix Shoemed	3155	2581	7/24	S		✓					
1-89-2,	"		2582	7/24	S		✓					
1-90-1,	"	3156	2583	7/23	S		1 late					
1-90-2,	"		2584	9/4			✓					
1-90-3,	"		2585	9/24	S		✓					
1-91-1,	"	3157	2586	9/1	S		3 late					
1-91-2,	"		2587	7/30	S		3 late					
1-91-3,	"		2588	7/25	S		2 late					
1-93-1,	"	3159	2589	7/4	S		✓					
1-94-1,	"	3161	2590	7/9	S		4 late					
1-94-2,	"		2591	8/23	S		✓					
1-94-3,	"		2592	7/19	S		✓					
1-95-1,	"	3162	2593	7/26	8/5		✓					
1-96-1,	"	3163	2594	7/26	S		3 late					
1-96-2,	"		2595	9/7			✓					
1-97-1,	"	3164	2596	7/17	7/25	good	1 E					
1-98-1,	"	3165	2597	7/19	8/2		✓					
1-99-1,	"	3166	2598	8/23	S		1 late					
1-99-2,	"		2599	8/1	S		1 late					
Rexoto, Check		96	2600	9/5								

F4- LINES:

35/A1-993 Kameji x Shoemed.

1-100-1, "

1-101-1, "

1-104-1, "

1-104-2, "

1-105-1, "

1-106-1, "

1-106-2, "

1-107-1, "

1-107-2, "

1-108-1, "

1-109-1, "

1-109-2, "

1-109-3, "

1-112-1, "

1-113-1, "

1-114-1, "

1-114-2, "

1-114-3, "

NIRA, check.

3166

2601

9/7 S

3167

2602

9/25 S

3168

2603

9/19 S

3171

2604

7/22 S

2605

9/24 S

3172

2606

8/12 S

3173

2607

7/24 7/4

2608

8/18 S

3174

2609

7/23 7/1

2610

7/25 7/1

3175

2611

7/19 S

3176

2612

7/1 S

2613

7/25 S

2614

7/22 S

3179

2615

7/9 S

3181

2616

7/18 S

3182

2617

7/18 S

2618

7/19 7/26

2619

7/25 7/1

45

2620

7/17 7/25

DATES

HEADING
1ST FULL

RIPENING
1ST FULL

HARV-
ESTED

PLANT
HT.
(IN.)

LODG-
ING
%

SHAT-
TERING

H.O.

DISEASES

Cerco-
spora White
Tip

new envelope
3 - late

1 late

✓

3 - late

2 late

1 late

4 - late

good 3 - late

good ✓

good 2 late

short stems

2 - late

3 late

2 - late

new envelope

1 - late

1 - late

2 late

✓

3 late

✓

				DATES			PLANT HT. (IN.)	LODG- ING %	SHAK- TEARING	H.O.	DISEASES			
				HEADING	1ST FULL	RIPENING					HARV- ESTED	Cerro- spora	White Tip	Enty- loma
				1ST FULL	1ST FULL	HARV- ESTED								
4 LINES:														
5141-114-4,	Kameji x Shoemed	3182	2621	7/23	S	28/24								
1-115-1,	"	3183	2622	7/28	S		1-M							
1-115-2,	"		2623	7/30	S		3 late							
1-115-3,	"		2624	8/14	S		1 late							
1-115-4,	"		2625	7/26	S		1 late							
1-116-1,	"	3184	2626	8/16	S		2 late							
1-117-1,	"	3185	2627	8/17	8/25		✓							
1-117-2,	"	2185	2628	8/16	8/25		2 late							
1-118-1,	"	3186	2629	7/14	S		1 late							
1-119-1,	"	3187	2630	7/19	7/28	new envelopes 8/17 good ✓								
1-120-1,	"	3188	2631	7/2			2-late							
5-6 LINES:														
352A 2-1-1,	Kameji x Rexoro	2375	2632	7/30	S		1-M							
3-1-1,	"	2377	2633	8/12	8/18		1-M							
3-1-2,	"		2634	8/13	8/18		1-M							
4-1-1,	"	2378	2635	7/19	S		2-M							
10-1-1,	"	2379	2636	7/19	S		✓							
5-2-1,	"	2711	2637	8/13	8/19		1-M							
8-5-1,	"	2722	2638	8/1	8/11		2-M							
12-1-1,	"	2724	2639	8/3	S		2-M							
Blue Rose, Check		27	2640	8/19	✓									

			DATES			PLANT LODG.	DISEASES						
			HEADING	1ST FULL	1ST FULL	HARV-ESTED	HT. (IN.)	ING %	SHAT-TERING	H.O.	Cerco-spora	White Tip	Ent-om
F5 LINES:													
352A	12-1-2,	Kameji x Rexoro	2724	2641	7/1	S		2-M					
	12-1-3,	"		2642	7/31	7/8		✓					
	12-1-4,	"		2643	7/1	S		✓					
	12-2-1,	"	2725	2644	8/2	8/12	grad.	✓					
	11-1-1,	"	2726	2645	8/21	7/1		3 late					
	11-2-1,	"	2727	2646	8/9	8/20	new envelope	2 M					
	11-2-2,	"		2647	8/7	S		1 M					
	11-2-3,	"		2648	8/3	S		4-M					
	11-2-4,	"		2649	8/14	8/23		2 M					
F4-LINES:													
352A	1-1-1,	Kameji x Rexoro	3189	2650	7/8	S		✓					
	1-1-2,	"		2651	7/24	S		✓					
	1-2-1,	"	3190	2652	7/2	S		3 late					
	1-6-1,	"	3194	2653	7/3	S		1					
	1-6-2,	"		2654	8/23	S		5 late					
	1-7-1,	"	3195	2655	7/10	S		✓					
	1-9-1,	"	3197	2656	7/19	S		3 late					
	1-11-1,	"	3199	2657	7/25	7/2		2 late					
	1-12-1,	"	3201	2658	7/21	S		✓					
	1-12-2,	"		2659	7/21	S		✓					
		Early Prolific, check.	2	2660	7/24	8/3		✓					

				DATES		PLANT LODG.		DISEASES					
				HEADING	RIPENING		HT.	ING	SHAT				
				1ST FULL	1ST FULL	HARV-ESTED	(IN.)	%	TERING	H.O.	Cerco-spora	White Tip	Enty-loma
4-LINES:													
2A1-14-1,	Kamejix	Rexoro	3203	2661	8/6	S							
1-15-1,	"		3204	2662	8/2	S							
1-15-2,	"			2663	7/27	S							
1-15-3,	"			2664	8/25	S							
1-16-1,	"		3205	2665	7/24	S							
1-16-2,	"			2666	8/10	S							
1-17-1,	"		3206	2667	9/2	9/11							
1-18-1,	"		3207	2668	8/25	9/3							
1-21-1,	"		3210	2669	8/25	S							
1-24-1,	"		3213	2670	7/25	S							
1-27-1,	"		3216	2671	8/1	S							
1-28-1,	"		3217	2672	8/5	S							
1-29-1,	"		3218	2673	9/30	9/10							
1-31-1,	"		3221	2674	9/2	9/3	good	9/23					
1-33-1,	"		3223	2675	9/24	S							
1-34-1,	"		3224	2676	9/12	S							
1-35-1,	"		3225	2677	9/5	S							
1-36-1,	"		3226	2678	8/4	S							
1-37-1	"		3227	2679	9/12	9/12							
	Rexoro,	check.	46	2680	9/7								

F4 LINES:

352A1-38-1, Kameji x Rexoro.

1-38-2, "

1-39-1, "

1-39-2, "

1-40-1, "

1-40-2, "

1-43-1, "

1-42-1, "

1-44-1, "

1-44-2, "

1-45-1, "

1-47-1, "

1-50-1, "

1-52-1, "

1-55-1, "

1-53-1, "

1-54-1, "

1-56-1, "

1-56-2, "

Shoemed, check.

3228

2681

8/12 S

3 late

2682

9/21 9/1

new envelope
good 2 - late

3229

2683

7/24 S

1 late

2684

7/24 S

✓

3230

2685

7/19 S

4 late

2686

7/19 S

2 late

3233

2687

7/1 S

2 late

3232

2688

8/18 8/26

✓

3234

2689

8/12 8/19

2 late

2690

8/23 9/4

3 late doubtful quality

3235

2691

7/1 S

2 late

3237

2692

8/5 S

2 - M

3241

2693

8/6 S

2 late

3243

2694

7/2 S

2 M.

3246

2695

9/19 S

1 late

3244

2696

7/20 9/10

3 late

3245

2697

7/24 S

✓

3247

2698

9/25 9/5

good 2 - late

3248

2699

9/27 9/6

new 4 - late

2700

8/4 8/18

✓

D.A.T.E.S.			PLANT LODG.		SHAT- TERING	H.O.	DISEASES		
HEADING	RIPENING		HT.	ING			Cerco-	White	En-
1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%			spora	Tip	lon

		DATES			PLANT LODG-1	DISEASES					
		HEADING	RIPENING		HT.	ING	SHAD-TERING	H.O.	Cerco- spora	White Tip	Enty- loma
		1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%					
4-LINES:											
2A1-57-1,	Ramejix Rexoro	3248	2701	7/23 S							
1-57-2,	"		2702	8/9 S							
1-57-3,	"		2703	9/1 9/12							
1-59-6	"	3250	2704	8/24 S							
1-60-1,	"	3251	2705	7/27 S							
1-61-1,	"	3252	2706	8/1 S							
1-62-1,	"	3253	2707	7/25 S							
1-63-1,	"	3254	2708	7/22 S							
1-65-1,	"	3256	2709	7/24 S							
1-65-2,	"		2710	7/23 S							
1-66-1,	"	3257	2711	8/16							
1-67-1,	"	3258	2712	7/23 S							
1-68-1,	"		2713	8/20 8/30							
1-69-1,	"	3261	2714	7/25 8/2							
1-69-2,	"		2715	7/25 8/5							
1-69-3,	"		2716	7/25 8/2							
1-70-1,	"	3262	2717	8/30 9/4							
1-71-1,	"	3263	2718	7/26 S							
1-72-1,	"	3264	2719	8/8 S							
Fortuna,	Check.	43	2720	8/1 13 14							

F4-LINES:

352A1-72-2, Kamejix Rexoro

DATES			PLANT LODG.		SHAT- TERING	DISEASES		
HEADING	RIPENING		HT.	ING		H.O.	Cerco- spora	White Tip
1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%				

1-73-1,

"

3265

2722

9/5

3 late

1-73-2,

"

2723

9/8 S

✓

1-73-3,

"

2724

8/3 S

2 late

1-75-1,

"

3267

2725

9/6 8/28

1 late

1-77-1,

"

3269

2726

7/27 S

1-78-1,

"

3270

2727

8/17 9/25

good 2 late very good for H.O.

1-78-2,

"

2728

8/17 9/26

good 3 late good for H.O.

1-78-3,

"

2729

8/20 8/29

1 late

1-79-1,

"

3271

2730

9/2 9/12

3 late

1.5

1-79-2,

"

2731

9/5 9/15

1 late

1-79-3,

"

2732

9/1 9/13

2 late

1-83-1,

"

3274

2733

7/30 9/6

9/25

✓

1-84-1,

"

3276

2734

7/25 S

1-84-1,

"

3276

2735

9/8 8/17

1-85-1,

"

3277

2736

7/28 S

1-85-2,

"

3278

2737

9/29 S

1-86-1,

"

3278

2738

8/1 9/16

✓

1-88-1,

"

3281

2739

8/4 S

✓

Blue Rose, Check.

87

2740

8/18

✓

				DATES		PLANT LODG.		SHAT- TERING	DISEASES			
				HEADING	RIPENING	HT. (IN.)	ING %		H.O.	Cercospora	White Tip	Enty- loma
				1ST FULL	1ST FULL							
4-LINES:												
52A 1-88-2,	Kameji x Rexoro	3281	2741	7/26	S			3 late				
1-89-1,	"	3282	2742	9/1	S			5 late				
1-89-2,	"		2743	7/21	S							
1-89-3,	"		2744	7/21	S			4 late				
1-89-4,	"		2745	7/21	S			2-late				
1-91-1,	"	3284	2746	9/11	S			3 very late			good	
1-91-2,	"		2747	7/20	S			-				
1-91-3,	"		2748	7/20	S			3 late				
1-92-1,	"	3285	2749	7/26	S			1 late				
1-92-2,	"		2750	7/30	S			1 late				
1-94-1,	"	3287	2751	9/23	S							
1-94-2,	"		2752	9/17	S							
1-96-1,	"	3289	2753	7/27	S							
4-LINES:												
^{353A} 52A 1-3-1,	Kameji x C.I. 7143	3292	2754	7/19	S							
1-3-2,	"		2755	7/26	S							
1-4-1,	"	3293	2756	9/30	9/11							
1-4-2,	"		2757	7/26	8/3			9/20				
1-4-3,	"		2758	7/23	S							
52A 1-2-1,	"	3298	2759	9/25	S			2 late				
	C.I. 7143.		2760	9/24	9/4			cut for Trullis				

F4 LINES:

353A2-52-1, Kameji x B.I.F. 7143

2-8-1,

"

3305

2762

8/1 S

1 late

tall

2-9-1, 2

"

3306

2763

8/24 S

2-9-2,

"

2764

8/4 S

2-9-3,

"

2765

8/24 S

2-10-1,

"

3307

2766

8/1 S

2-10-2,

"

2767

7/28 S

2-11-1,

"

3308

2768

7/20 S

2 - late

2-11-2,

"

2769

7/1 S

4 - 11 + late

2-11-3,

"

2770

7/1 S

3 - late

2-11-4,

"

2771

7/21 S

3 - late

2-11-5,

"

2772

7/10 S

2 - late

2-12-1,

"

3309

2773

7/18 S

1 - late

2-12-2,

"

2774

7/9 S

same as 2773

2-13-1,

"

3310

2775

8/18 8/28

2-14-1,

"

3311

2776

7/25 S

2 - late, dark shaped pan. unusual type

2-17-1,

"

3314

2777

8/1 7/12

2-18-1,

"

3315

2778

8/12 S

2 - late

3320

2779

8/8 S

3 - late

Early Prolific, ct. 2

2780

7/25 8/2

8/23

DATES		PLANT LOSS		SHAT-		DISEASES	
HEADING	RIPENING	HT.	ING	TERING	H.O.	Cerco-	White
1ST FULL	1ST FULL	(IN.)	%			spora	Tip

		D A T E S				PLANT LODG.		DISEASES				
		HEADING	1ST FULL	1ST FULL	HARV-ESTED	HT. (IN.)	ING %	SHAN-TERING	H.O.	Cercospora	White Tip	Enty-loma
4-LINES:												
HA1-5-1,	SBR x C.I. 7143	3321	2781	8/4	S		2-late					
1-13-1,	"	3329	2782	8/4	S		2-late					
1-13-2,	"		2783	7/25	S							
1-13-3,	"		2784	8/4	S		2E+2lates				Very heavy stiff straw,	
1-13-4,	"		2785	8/6	S		3-late				do	
1-13-5,	"		2786	8/8	S		3-late				do	
1-13-6,	"		2787	7/26	S		very late					
1-14-7,	"		2788	7/27	S		9-lates					
1-14-8,	"		2789	7/25	S		6-lates					
1-16-1,	"	3332	2790	9/7			3-lates					
1-16-2,	"		2791	9/7			2-late					
1-16-3,	"		2792	9/6			4-late					
1-16-4,	"		2793	9/5			5-late					
1-21-1,	"	3337	2794	8/17	S		1 M					
1-22-1,	"	3338	2795	8/17	S		3-lates				glutinous	
1-22-2,	"		2796	8/10	S	good	2-lates				Some glut.	
1-23-1,	"	3339	2797	9/8	S		2-late				some glut.	
1-23-2,	"		2798	9/4			1-late					
1-23-3,	"		2799	9/8			2-late					
Blue Rose, Ck.		87	2800	9/20								

				DATES			PLANT LOSS		DISEASES				
				HEADING	RIPENING		HT.	ING	SHAT	H.O.	Cérco-	White	En
				1ST FULL	1ST FULL	HARV-ESTED	(IN.)	%	TERING		spora	Tip	lod
F4 - LINES:													
334A1-25-1,	Sup. Blue Rose x C.I. 7143	3342	2801	8/30	9/9		1-	late					
1-25-2,	"		2802	9/1	9/11		3-	late					
1-29-1,	"	3346	2803	9/11					v. late				
1-29-2,	"		2804	9/26	S		1-	late					
1-34-1,	"	3351	2805	9/25	S		5-	late	very good for H.O. & Ave				
1-34-2,	"		2806	9/12	S		4-	late	very good for H.O.				
355A2-7-1,	B283A2-3 x C.I. 7143	3362	2807	8/16	S		2-						
2-13-1,	"	3368	2808	8/17	S		1-	late					
2-16-1,	"	3371	2809	8/8	S		1-	late					
2-16-2,	"		2810	8/12	S		3-	late					
2-15-1,	"	3370	2811	8/18	S		5-	late					
2-17-1,	"	3372	2812	8/8	S		1-	late					
2-17-2,	"		2813	8/8	8/29		✓						
2-29-1,	"	3385	2814	8/4	S		✓						
2-36-1,	"	3392	2815	9/5			4-	late					
355A3-15-1,	B283A2-3 x C.I. 7143	3409	2816	9/10	S		✓						
356A1-2-1,	Vintula x C.I. 7143	3416	2817	8/10	S		✓						
1-5-1,	"	3419	2818	8/16	8/29		1-	late					
356A2-4-1,	"	3436	2819	8/29	9/9		3-	late					
	Shoemed. ck.		2820	8/5	8/13		✓		35 new envelopes				

				DATES		PLANT LODG- HT. (IN.)	ING %	SHAT- TERING	H.O.	DISEASES			
				HEADING	RIPENING					CERCO- spora	White Tip	Enty- loza	
				1ST FULL	1ST FULL								
F4-LINES:													
A2-4-2,	Vintala x C.I. 7143	3436	2821	8/25	9/5					3-late			
2-6-1,	"	3438	2822	7/25	S					✓	some glutinosa		
A1-1-1,	Storm Proof x C.I. 7143	3447	2823	7/10	7/12					2-late			
1-10-1,	"	3456	2824	7/26	S					1-late			
357A 1-12-1,	"	3458	2825	9/12									
1-19-1,	"	3466	2826	7/23	S								
1-21-1,	"	3468	2827	8/1	S								
1-21-2,	"		2828	7/7	S					mostly entry			
1-29-1,	"	3476	2829	8/15	S								
1-32-1,	"	3479	2830	7/25	S					7-late			
1-33-1,	"	3481	2831	7/29	S								
1-34-1,	"	3482	2832	8/12	S					1-late			
1-42-1,	"	3490	2833	7/25	S					1-late			
1-46-1,	"	3494	2834	7/25	S					6-late	some glut plants,		
357A 2-2-1,	"	3498	2835	9/9						2-late	very large grain		
2-2-2,	"		2836	7/25	S					2-late			
2-12-1,	"	3509	2837	7/5	7/12					2-late			
2-15-1,	"	3512	2838	8/9	S					1-late			
2-15-2,	"		2839	8/8	S								
Lady Wright, ck.		10	2840	7/24	8/1					8/19			

F4-LINES:

				DATES		PLANT LODG.		SHAT- TERING	H.O.	DISEASES	
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		Cerco- spora	White Tip
357A2-15-3,	StormProof x C.I. 7143	3512	2841	7/28	S						
358A3-2-1,	Kameji x C.I. 4700.	3519	2842	8/2	S						
3-7-1,	"	3525	2843	8/4	S						
3-7-2,	"		2844	7/18	8/1						
3-12-1,	"	3530	2845	7/4	S						
3-17-1,	"	3535	2846	7/9	S						
3-19-1,	"	3537	2847	8/2	S				1-late		
3-19-2,	"		2848	7/5	S						
3-19-3,	"		2849	8/15	S				2-late		
3-20-1,	"	3538	2850	8/24	S				3-late		
3-22-1,	"	3541	2851	8/5	S				2-late		
3-22-2,	"		2852	8/13	S				good		
3-22-3,	"		2853		S						
3-23-1,	"	3542	2854		S						
3-23-2,	"		2855	9/30	S						
3-23-3,	"		2856	7/15	S				1-late		
3-23-4,	"		2857	7/15	S				2-late		
3-25-1,	"	3544	2858	9/23	S				3-late		
3-25-2,	"		2859	9/1	S				3-late		
	C.I. 4700, Ck.		2860	7/10	S				cut for Tuller		

			DATES			PLANT LODG.	SHADE	DISEASES		
			HEADING	RIPENING		HT.	ING			
			1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%	TESTING	H.O.	Cerco- spora White Tip Enty- lama
-4-LINES:										
43-25-3,	Kameji x C.I. 4700.	3544	2861	7/18	S			2-late		
3-25-4,	"		2862	8/25	S			1-late		
3-25-5,	"		2863	8/25	S			3-late		
3-25-6,	"		2864	8/1	S			new envelope		
3-30-1,	"	3549	2865	7/18	S			2-late		
3-30-2,	"		2866	8/8	S			2-late Very good stream type make several selections.		
3-30-3,	"		2867	8/25	S					
3-30-4,	"		2868	8/1						
3-30-5,	"		2869	8/12	8/20			1-late good.		
3-30-6,	"		2870	8/25	S			1-late good		are Bk types prob a mixture of blue and
3-30-7,	"		2871	8/15	8/24			2-late good.		
3-44-1,	"	3564	2872	8/23	S					
3-44-2,	"		2873	8/24	S					
359A										
42-12-1,	43A2-3 x C.I. 4700	3576	2874	8/1	S			3-late		
2-12-2,	"		2875	7/9				4-late		
2-12-3,	"		2876	8/14	S			1-late		
2-20-1,	"	3585	2877	8/4	S			1-late		
2-20-2,	"		2878							
2-22-1,	"	3587	2879	8/4	S			4-late		
	Blue Rose, CK.	87	2880	8/21						

			DATES		PLANT LOGS		SHAT- TERING		DISEASES	
F4-LINES:			HEADING	RIPENING	HARV- ESTED	HT.	ING	H.O.	Cerco- spora	White Tip
			1ST FULL	1ST FULL		(IN.)	%			
359A2-24-1,	B283A2-3	x C.I. 4700	3589	2881	8/4	S	1-M			
2-26-1,	"		3591	2882	8/9	S	2-late			
2-27-1,	"		3592	2883	8/3	S				
2-33-1,	"		3598	2884	8/8	S				
2-33-2,	"			2885						
2-34-1,	"		3599	2886	8/14	9/24	9/13 good.	1-late	max. seed set	
2-35-1,	"		3601	2887	8/16	S	good.			
2-35-2,	"			2888	8/17	S				
2-43-1,	"		3609	2889	9/18	S	2-late			
2-43-2,	"			2890	9/5	S	1-late			
2-43-3,	"			2891	9/25	S	new envelope	2-late		
2-46-1,	"		3612	2892	9/23	S				
2-46-2,	"			2893	7/12	S	good	2-late		
2-48-1,	"		3614	2894	8/18	S	1-late			
2-48-2,	"			2895	8/16	9/25				
2-48-3,	"		3614	2896	8/18	S				
2-51-1,	"		3617	2897	8/18	S				
3510A 2-1-1,	Latex	x C.I. 4700	3618	2898	8/5	S	1-late			
2-1-2,	"			2899	8/16	S				
Latex,	CK.		11	2900	7/22	8/6	8/24			

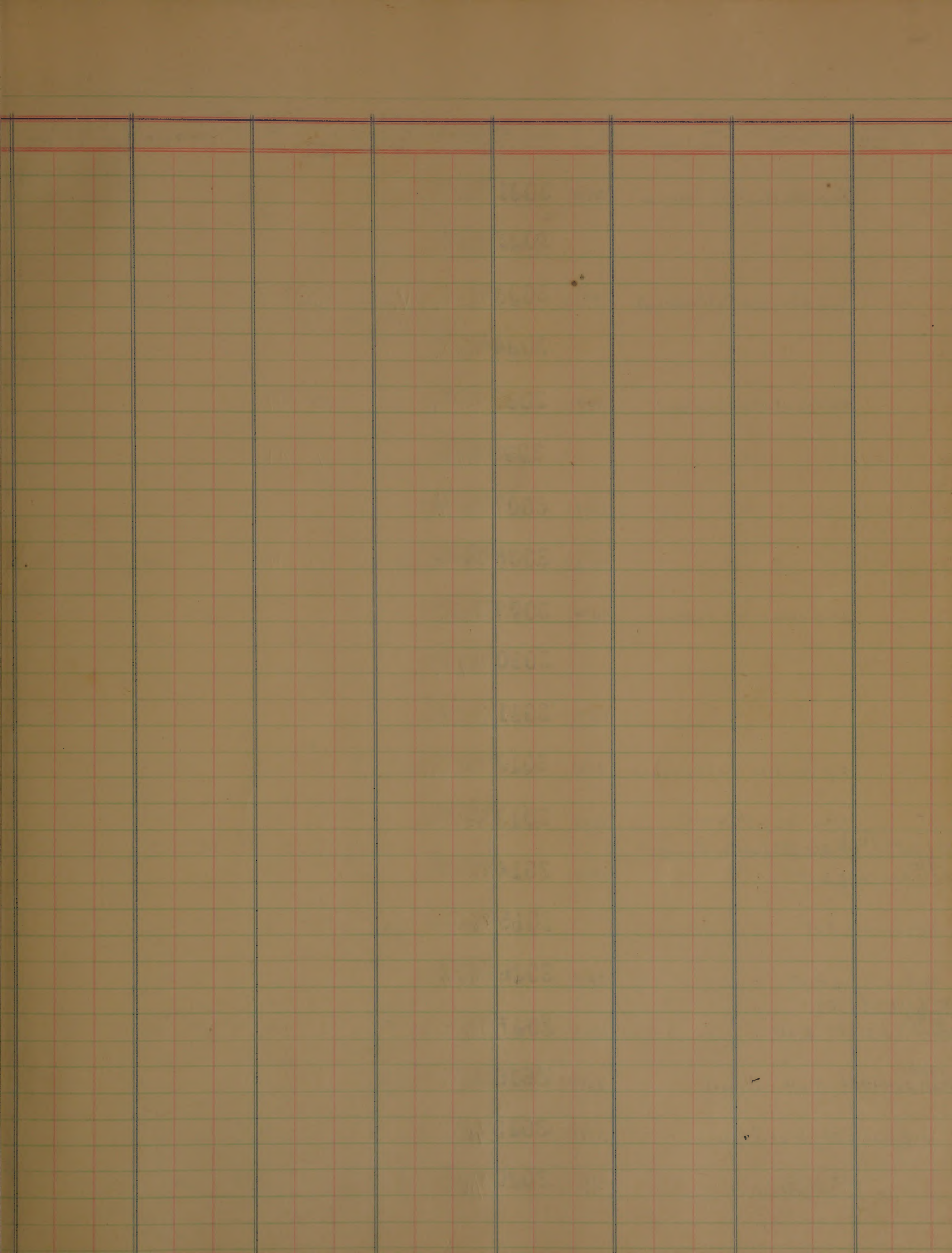
			DATES		PLANT LODG.		SHAT- TERING		DISEASES		
			HEADING	RIPENING	HT.	ING	H.O.	Cerco- spora	White Tip	Enty- loma	
			1ST FULL	1ST FULL	(IN.)	%					
4-LINES:											
2-1-3,	Latex	x C.I. 4700.	3618	2901	8/17	S					
2-3-1,	"		3621	2902	8/10	S			2-late (1 add)		
2-3-2,	"			2903	8/25	S					
2-4-1,	"		3622	2904							
2-4-2,	"			2905	7/25	S					
2-4-3,	"	Used and parent in disease crosses		2906	7/20	S			1-late		
2-5-1,	"		3623	2907	8/3	S					
2-5-2,	"			2908	8/4	S					
2-16-1,	"		3634	2909	9/1				3-late		
2-16-2,	"			2910	8/25	S					
2-16-3,	"			2911	8/25	S			3-late		
2-17-1,	"		3635	2912	7/26	S			2-late		
2-17-2,	"			2913	7/24	S			2-late		
2-17-3,	"			2914							
2-31-1,	"		3650	2915	8/20	S			1-late		
2-36-1,	"		3655	2916	8/18	S			1-late		
2-44-1,	"		3664	2917	7/23	S			1-late		
3511A3-1-1 A3-1-1	B314A8-2-3-2	x NIRA	3667	2918	9/1	S			1-late		
3-10-1,	"		3674	2919	8/3	S			1-late		
	C.I. 4700,	ck.		2920	9/6						

			DATES			PLANT LODG.	HT.	ING	SHATT	DISEASES			
			HEADING	RIPENING			(IN.)	%	TERING	H.O.	Cerco-	White	Enty
			1ST FULL	1ST FULL	HARV-						spora	Tip	loma
			ESTED										
F4-LINES:													
3511A3-10-2,	B314A8-2-3-2 x NIRA	3674	2921	8/25	S								
3-12-1,	"	3676	2922	8/25	S								
4-1-1,	"	3681	2923	7/28	S								
4-3-1,	"	2383	2924	7/28	S				2-M				
4-3-2,	"		2925	8/4	8/13				4-M				
F5-LINES:													
3512A1-3-1-1,	B314A8-2-3-1 x Sup. Blue Rose.	2734	2926	8/10	8/18								
1-3-2-1,	"	2735	2927	8/10	8/18								
1-4-3-1,	"	2738	2928	9/1	9/11				1-late				
F4-LINES:													
3512A2-3-1,	"	3696	2929	7/28	S				1-late				
F5-LINES:													
34H-51-1,	C.I. 1645 x C.I. 5309.	3854	2930	7/22	S								
34H-59-1,	"	3865	2931	7/22	8/4								
34H-69-1,	"	3873	2932	7/25	8/4								
34H-80-1,	"	3885	2933	8/17	8/24								
35X-1-1,	C.I. 5398 x C.I. 1962	3889	2934	8/11	8/18								
35X-1-2,	"		2935	8/12	8/18								
35X-1-3,	"		2936	8/12	8/18								
35X-4-1,	"	3892	2937	8/25	9/1								
35X-4-2,	"		2938	8/25	9/1								
35X-4-3,	"		2939	8/22	9/1								
	Blue Rose, CK.	87	2940	8/19	9/25								

			DATES		PLANT LODG.		SHAT.		DISEASES		
			HEADING	RIPENING	HT.	ING	TERING	H.O.	Cerco-	White	Enty-
			1ST FULL	1ST FULL	(IN.)	%			spora	Tip	loma
5- LINES:											
X-4-4,	C.I. 5398 x C.I. 1962	3892	2941	8/25	9/1						
id sels. made in 1937.											
1/A1	Caloto x Fortuna.	3894	2942	8/17	8/28			1- late			
"	"		2943	8/16	8/28						
343B37-1	NIRA x Kameji	3913	2944	9/1	S						
2	"	3916	2945	9/6							
3	"		2946	9/6	S						
4	"	3919	2947	9/11							
5	"	3925	2948	8/8	S			1- late			
6	"		2949	9/23	S						
1	"	3928	2950	8/12	S						
8	"		2951	8/4	S						
347B37-1	Rexoto x NIRA	3944	2952	8/12	9/29	9/12	Very good				
2	"		2953	8/19	8/29	9/14	Very good, 1 taller than 2952				
3	"	B347B3928 3947	2954	9/3		9-29 cut					
4	"		2955	9/5		2- late					
5	"		2956	9/6							
LINES: (F4)											
2514A	1-4-1, B2916A31-5-2 x Sup. Blue Rose	5291	2957	8/18	8/26						
1-7-1,	"	5294	2958	8/25	9/1			2- late			
1-16-1,	"	5303	2959	8/1	S			new envelope			
	Sheemed, ck.		2960	8/4	8/13						

			DATES			PLANT LOGG.		SHATT TERING	DISEASES			
			HEADING	RIPENING		HT.	ING		H.O.	Cerco-	White	En
			1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%			spora	Tip	loc
F4-LINES:												
3514A1-16-2,	B2916A31-5-2,	xSupBlueRose	5303	2961	7/26	S						
1-21-1,	"		5308	2962	8/18	8/27		4-late				
F LINES:												
C.I. 53496	Natl. Cross	(From Common Seeded Fz)	2813	2963	8/4	8/15						
1-216-2,	"			2964	8/4	8/14						
	Rexoto rogue	(1936 Sel.)	2442	2965	8/1	S		1-late				
	"		2444	2966	8/3	S						
	"			2967	8/18	8/25		2-late				
	Fortuna x Red Rice		2449	2968	8/9	8/16		late plant, matches 1-rogue				
	"			2969	8/7	8/16						
	"		2451	2970	8/12	✓		2-late				
	"			2971	8/9	✓						
	"	(rogue in 1936)	2452	2972	8/25	✓		7-late				
	"	"		2973	7/21	S		2-late				
	"	"		2974	7/19	S		4-late				
	Fortuna x Red Rice		2454	2975	7/30	S		new envelope				
	241A(A)31-2	Sel.	2429	2976	8/10	8/18						
	Early Prolific	Sel.	2422	2977	8/12	8/18		1 M.				
S-15-1-2-1-1-1,	Blue Rose	Sel.	2424	2978	7/28	8/5						
S-15-1-2-1-2-8,	"		2425	2979	7/28	8/5						
	Early Prolific,	ck.	2	2980	7/21	8/3						

				DATES		PLANT LODG.		CHAPT.		DISEASES			
				HEADING	RIPENING		HT.	ING	TERING	H.O.	Cerco-	White	Enty-
				1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%			spora	Tip	loma
5-1-4-1-1-1,	Blue Rose Sel.	2426	2981	7/28	8/5								
5-1-1-1-1-1,	"	2459	2982	7/27	8/4								
5-1-1-1-1-2,	"		2983	7/25	8/3								
5-1-1-1-1-3,	"		2984	7/25	8/3								
5-1-1-1-1-4,	"	2459	2985	7/26	8/3								
5-1-1-1-2-1,	"	2461	2986	7/26	8/3								
5-1-1-1-2-2,	"		2987	7/25	8/3								
5-1-1-1-2-3,	"		2988	7/26	8/3								
5-1-2-1-1-1,	"	2462	2989	7/24	S								
5-1-3-2-1-1,	"	2843	2990	7/28	S								
5-1-3-2-1-2	"		2991	8/12	8/20								
Imp. Blue Rose Sel. (1936 crop)		2951	2992	7/20	8/4								
"			2993	7/15	7/26								
"			2994	7/15	7/24								
"		2957	2995	7/17	7/27								
"		2964	2996	8/16	8/24								
"			2997	8/10	S								
"		2965	2998	7/26	S								
"		2974	2999	7/16	7/26								
Blue Rose, ck.		97	3000	8/18									



		DATES		PLANT LODG.		DISEASES		
		HEADING	RIPENING	HT.	ING	SHAT		
		1ST FULL	1ST FULL	(IN.)	%	TERING	H.O.	Cerco- White Enty- spora Tip loma
Imp. Blue Rose Sel. (1936 crop)	2974	3001	7/16	7/25				
"		3002	7/18	7/26				
Sup. Blue Rose Sel. (1936 crop)	2976	3003	7/25	8/4	V. good row	2-E		
"		3004	7/28	S	make a large number of panicle	selection in		
Blue Rose et al Sel. (1936 crop)	2999	3005	8/10	8/18		2-M		
"		3006	7/31	8/6		1-M		
"	3001	3007	8/4	8/17				
"	3012	3008	8/3	7/11		1-M		
Bruinmissie Sel. (1936 crop)	3014	3009	7/22	S				
"		3010	7/27	S		3-late		
"	3017	3011	8/1	8/11				
Sup. Blue Rose Sel. (1936 crop)	3021	3012	8/4	8/17				
Loter Sel. (1936 crop)	3028	3013	7/25	8/4				
# LINES: (F11) Late Maturity Group								
283A		3014	8/1	S				
8-3-4-1-1-1-1-1, EXF.	2491							
		3015	8/6					
10-3-1-1-1-1-1-1, EXF	2497	3016	8/25	7/2				
# LINES: (F10)								
295A		3017	8/11					
13-3-2-3-1-1-1, EXK.	2509							
2911A		3018						
10-2-1-1-1-2-1, KxH (roque).	2519							
		3019	8/8					
10-2-1-1-1-2-2-1, KxH (roque)	2521							
Fortuna	43	3020	8/16					

Late Maturity Group:

F10-LINES:

2911A20-1-2-1-1-1-1, K x H.

2523 3021 8/17 S

40-3-2-1-1-1-1, K x H

2525 3022 8/27 S

2911A18-1-1, Sel. (K x H)

2886 3023 8/18

"

3024 8/20

"

2889 3025 8/17

"

3026

"

3027 8/18

2911A18-1-1-C

2893 3028

"

3029 8/18

2911A18-1-1-D

3030

"

3031 8/19

"

2894 3032

"

3033 8/19

"

3034

"

2895 3035

"

3036

"

3037

"

2898 3038 8/18

"

3039

Blue Rose

87 3040

DATES

PLANT LODG.

HEADING

1ST FULL

HARV- ESTED

HT.

ING

SHAT- TERING

H.O.

DISEASES

Cerco- spora

White Tip

Ent lon

selected on 10/5/39

FID-LINES:	DATES			PLANT LODG.		SHAN TERING	H.O.	DISEASES		
	HEADING	1ST FULL	1ST FULL	HT. (IN.)	ING %			Gerco- spora	White Tip	Enty- loma
	1ST FULL	1ST FULL	HARV- ESTED							
B2911A18-1-1, Sel (KxH)	2910	3041	8/15							
"		3042								
"	2912	3043	8/17							
"		3044	8/16							
292A12-5-1-1-1-1-1, Cox E	2502	3045								
2914A 14-1-1-1-1-1-1-1, Cox BR.	2531	3046	9/5							
14-1-1-1-2-2-1-2, "		3047	9/1							
14-1-1-1-3-1-1, "	2532	3048	9/1	9/12						
26-1-1-1-1-1-1-1, "	2539	3049	9/11							
317A 251-1-1-1-3-1-1, Warrica x T. Fort Sel #18.	2557	3050	9/5							
2920A Imp. Blue Rose x Fortuna Sel.	2874	3051	8/18	8/28						
"		3052	8/17	8/28						
"		3053	8/19	8/28						
"	2875	3054	8/22	9/1						
"		3055	8/22	9/1						
"		3056	8/22	9/1						
Improved Blue Rose x Fortuna		3057	9/5	9/12						
alked hybrid Sels: 10/12/38 2920A38-1		3058	9/2	9/10						
"		3059	9/5	9/11						
Fortuna	43	3060	8/16							

				DATES		PLANT LODG.		SHATT- TERING	DISEASES		
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.	Cerco- spora	White Tip
F10-LINES:											
82920B38-3	Imp. Blue Rose	x Fortuna		3061	9/2	9/11					
Bulk-Hybrid	Sels. made	10/12/58		3062	9/28	9/5					
-4	"										
2920B38-5	"			3063	9/5	9/12					
-6	"			3064	9/26	9/1					
-7	"			3065	9/26	9/1					
-8	"			3066	9/1	9/9					
-9	"			3067	9/30	9/5					
-10	"			3068	9/1	S			3-lates		
-11	"			3069	9/3	9/11			3-lates		
36LM-45-1-1-1,	Long x Short (B.H. sel.)		2464	3070	9/30	S					
45-1-1-2,	"			3071	9/16	9/28					
45-1-1-3,	"			3072	9/31	S					
45-1-1-4,	"			3073	9/30	S			2-lates		
45-1-1-5,	"			3074	9/1	S			3-lates		
36MS-1-6-1,	Med. x Short (B.H. sel.)		2822	3075	9/26	S			1-late for disease		
-1-6-2,	"			3076	9/6	9/16			good		
1-8-1,	"		2824	3077	9/4						
7-1-1,	"		2418	3078	9/12	9/18					
7-1-2,	"			3079	9/12	9/19					
Blue Rose			87	3080	8/19						

			DATES			PLANT LOGS		DISEASES			
			HEADING	RIPENING	HT. (IN.)	INS %	SHAT- TERING	H.O.	Cerro- spora	White Tip	Enty- loma
			1ST FULL	1ST FULL							
5-10- LINES:											
6MS-7-1-3,	Medium x Short-grain.	2418	3081	8/30 9/6							
7-1-4,	"		3082	8/30 9/6							
7-1-5,	"		3083	8/30 9/6							
7-1-6,	"		3084	8/14 8/21							
8-1-1,	"	2419	3085	8/12 8/20							
8-1-2,	"		3086	8/13 8/20							
8-1-3,	"		3087	8/13 8/20							
	"	2447	3088	8/13 8/19							
	"		3089	8/17 8/28							1-late plant for dis. tests
	"		3090	8/15 8/25							
³⁶ MS-12-1-1,	"	2448	3091	8/15 8/25							
12-1-2,	"		3092	8/15 8/25							
12-1-3,	"		3093	8/12 9/23							
³⁶ LM-20-1-1,	Long x Medium-grain	2430	3094	8/10 8/18							1-late plant del. for dis.
20-1-2,	"		3095	8/4 8/19							
20-1-3,	"		3096	8/8 8/16							1-late for dis. tests
20-1-4,	"		3097	8/8 8/19							1-late for dis. tests
20-1-5,	"		3098	8/7 8/16							1-late for dis. tests
8-LINES:											
2-10-3-1-1-1,	R x T. Fort.	2567	3099	9/1 9/5							
322A	Rexon	86	3100	9/1 9/5							

F8-LINES:

322A2-10-3-1-1-2, R x T. Fort.

DATES			PLANT LOG		DISEASES			
HEADING	RIPENING		HT.	ING	SHAT-	H.O.	Cerco-	White
1ST FULL	1ST FULL	HARV-ESTED	(IN.)	%	TERING		spora	Tip

2567 3101

9/6

3102

9/4 9/12

2573 3103

9/3 9/12

3104

9/30 9/9

2575 3105

9/30 9/8

cut.

3106

9/9

3107

9/2

1-late

3108

9/2

1-late

2577 3109

9/11

2588 3110

9/10

3111

9/10

2590 3112

9/3 9/12

323A2-5-1-1-1-1, Rexoro x S. Bl. Rose

2610 3113

9/4 9/12

3-1-1-1-1-1,

"

2611 3114

9/6

3-1-1-1-1-2

"

✓ 3115

add plants in row. Panicles are increased in size

3-1-1-1-1-3,

"

✓ 3116

9/6

3-1-1-1-1-4,

"

✓ 3117

9/6

3-1-1-1-1-5,

"

✓ 3118

9/6

3-1-4-1-1-1,

"

2613 3119

9/11

1-late for this

mira

45 3120

9/19

				DATES		PLANT LODG.		DISEASES				
				HEADING	RIPENING	HT.	ING	SHAT-				
				1ST FULL	1ST FULL	(IN.)	%	TERING	H.O.	Cerco- spora	White Tip	Enty- loma
8-WINES:												
23A	3-1-4-1-1-1-2	Rexoro x S. Bl. Rose	2613	3121	9/6 S					1-late for dis		
	3-1-4-1-1-1-3	"		3122	9/1 S					1-late		
	3-1-4-1-1-1-4	"		3123	9/1 S					1-late for dis		
	3-7-3-2-1-1-1	"	2617	3124	9/2 9/11							
	3-7-3-2-1-1-2	"		3125	9/29 9/8							
	3-7-3-2-1-1-3	"		3126	9/9							
	3-7-3-2-1-1-4	"		3127	9/9							
36MS-	7-1-1	(F ^o) Medium x Short-grain (BHS)	2418	3128	9/7							
323A	24-2-2-1-1-1	Rexoro x S. Blue Rose (F8)	2622	3129	9/9					1-late for dis		
	5-1-2-1-1-1	"	2623	3130	9/10							
	5-1-2-1-1-2	"		3131	9/11					1-late		
	5-6-1-1-1-1	"	2624	3132	9/8							
324A	1-16-3-1-2-1-1	Rex. x C.I. 5099	2644	3133	8/10 S					2-late		
	1-16-3-1-2-2-2	"		3134	8/2 S							
	1-16-3-1-2-2-3	"		3135	8/9 S							
	1-16-3-1-2-2-1	"	2645	3136	9/4 9/11							
	1-16-3-1-2-2-2	"		3137	9/8							
	1-16-3-1-2-2-3	"		3138	9/6							
	1-16-3-1-2-2-4	"		3139	9/6					4-late		
		Fortuna	43	3140	8/13							

				DATES		PLANT LODG.		DISEASES		
				HEADING	RIPENING		HT.	ING	SHAT-	
				1ST FULL	1ST FULL	HARV-ESTED	(IN.)	%	TERING	H.O.
										Cerco- White Ent
										spora Tip lon
F8-LINES:										
324A1-16-3-1-2-2-5,	Rex. x C.I. 5094.	2645	3141	7/6	7/12					late for divider
1-16-3-1-2-2-6	"	-	3142	7/5	7/11					
5-5-1-2-1-1-1,	"	2653	3143							2 - late
5-5-1-2-1-1-2,	"	-	3144							2 - late
326A1-4-1-1-2-1-1,	Rex. x C.I. 5947	2659	3145		7/9					2 - late
1-4-1-1-2-1-2,	B326A3933-	-	3146	8/30	9/4	9/26				cut
(F7) 1-10-6-1-2-1,	"	2666	3147		9/7					2 - late
F6-LINES:										
331332-7	C.I. 7482 x Storm Proof (BH sels).		3148	8/6	S					1 - late (amber seed coat)
(Sels. made 10/12/38)			3149	8/30	S					2 - late (amber seed coat)
	Rexoro x C.I. 7482 (BH sels)		3150	8/30	S					
Sels. made 10/12/38	332B38-10 ⁷		3151	9/28	9/5					3 late
	"		3152	9/20	9/4					3 late
	-12		3153	7/1	S.					
	-13		3154	9/6						
	-14									
333B38-14	C.I. 7482 x Fortuna (B.H. sels).		3155	7/12	7/12					(1 early plant 7/27, 1st lat)
Sels. made 10/12/38			3156	7/10						
-15			3157							
-16			3158	8/25	S.					3 late, 15 on No. 20 can
-17			3159		9/13					
-18										
	Rexoro	86	3160							

			DATES			PLANT LODG- ING	HT. (IN.)	SHAD- ING %	DISEASES H.O. Cerco- spora White Tip Enty- loma
			HEADING	RIPENING					
			1ST FULL	1ST FULL	HARV- ESTED				

6- LINES:									
1B38-8	C.I. 7482 x Delitus (B.H. Sels)	3161	9/9						2- late
made 10/12/38		3162	9/13	S					2- late
9		3163	9/5						
10		3164	8/10	S					3- late
1B38-15	C.I. 7482 x C.I. 5094 (B.H. Sels)	3165	8/10	9/20					
made 10/12/38		3166	9/4	S					2- Excellent quality grain
-16		3167	9/8						2- excellent grain quality
-17		3168	9/7						
-18		3169							3- late
-19		3170	8/4						
-20		3171	9/30	S					
338B38-14	F ₁ (Rex x 5947) x 7482 (B.H. Sels)	3172	9/8						1- late
made 10/12/38		3173	8/20	S					1- late
15		3174	8/6	S					1- late
16		3175	9/4	S					1- late
17		3176	9/8						2- late
339B38-14	C.I. 7482 x F ₁ (Rex x 5810) (B.H. Sels)	3177	9/1	S					
made 10/12/38		3178	9/2	9/11					
5		3179	8/4	S					
6		3180	8/18						
3311B38-1	C.I. 7689 x Storm Proof (B.H. Sels)								
made 10/12/38									
8									
9									
	Blue Rose	87							

				DATES			PLANT LOSS		SHATT- TERING	DISEASES			
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	En- to
F6- LINES:													
3312B38-12	C.T.7689x Delitus (BH Sels)			3181	7/8								
Sels made 10/12/38.													
13				3182	7/10								
3313A1-3-1-1,	Rexoro x C.T.7689			2324	3183	7/11			4	Latex, Excellent	BR 17		
F5- LINES:													
3512A12-2-1,	B314A8-2-3-1, x SBR.			2384	3184	8/3	8/19		2	Latex			
15-1-1,		"		2386	3185	9	9/3		3	Latex			
3513A1-1-1	B2916A7-3-2 x S.BI. Rose.			2391	3186	7/25	S		2	E			
3-1-1,		"		2392	3187	7/25	S						
5-1-1,		"		2393	3188	7/25	8/3						
11-1-1,		"		2398	3189	7/28	8/4						
11-1-2,		"		✓	3190	7/26	8/3						
11-1-3,		"		✓	3191	7/25	8/4						
11-1-4,		"		✓	3192	7/28	8/4	good	1	E			
11-1-5,		"		✓	3193	7/27	1/5						
11-1-6,		"		✓	3194	7/26	8/4						
11-2-1,		"		2399	3195	7/26	8/5						
12-1-1,		"		2401	3196	7/26	8/4	good	1	E			
3516A13-1-1,	B2916A10-4-2, x S.BI. Rose			2410	3197	7/26	8/4						
13-1-2,		"		✓	3198	7/26	8/4						
13-1-3,		"		✓	3199	7/28	8/6						
mra				45	3200	7/18							

				DATES		PLANT LODG.	SHAD.	DISEASES		
				HEADING	RIPENING		HT.	ING	TERING	H.O.
				1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%		
5- LINES:										
16A13-14,	B2916A10-42XS.BI.Pose	2410	3201	7/26	8/5					
13-1-5,	"	✓	3202	7/26	8/4					
14-1-1,	"	2411	3203	7/26	8/4					
14-1-2,	"	✓	3204	7/26	8/4					
14-1-3,	"	✓	3205	7/26	8/4					
2A11-2-1,	Kameji x Rexoro	2727	3206	8/5	S				1-late	
11-2-2,	"	✓	3207	8/5	S				1-late	
11-2-3,	"	✓	3208	8/5	S					
	C.I.5399 Nat'l cross	2790	3209	8/6	S				2-late	
	C.I.5399 Nat'l cross	2793	3210	8/6	S					
³⁶ MS-1-7-1,	^{MS3934} Medium x Short-Grain (BH)	2823	3211	8/5	S				4-late, cut	V.G.
³⁶ MS-1-7-2,	"	✓	3212	8/3	S				4-late, cut	V.G.
³⁶ MS-2-1-1,	"	2825	3213	8/13	8/19				2-Mid	
³⁶ MS-2-1-2,	"	✓	3214	8/13	8/19				2-mid	
³⁶ MS-2-1-3,	"	✓	3215	8/12	8/19				1-mid	
³⁶ MS-4-1-1,	"	2827	3216	9/7	9/11				cut BK type, incase	
³⁶ MS-4-1-2,	"	✓	3217	9/9					cut do	
³⁶ MS-4-3-1,	"	2829	3218		9/6				2-late	
³⁶ MS-4-3-2,	"	✓	3219		9/5				1-late	
	Shoermed		3220	9/8	8/10					

				DATES		PLANT LODG		SHAT- TERING	H.O.	DISEASES	
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		Cerco- spora	White Tip
S-15-1-2-1-1-1,	Blue Rose Sel.	2424	3221	7/22	8/6						
S-15-1-2-1-1-2,	"	✓	3222	7/25	8/3				1- late		
S-15-1-2-1-1-3,	"	✓	3223	7/27	8/4						
	Blue Rose Sel.	2857	3224		9/9				3- late		
	"	✓	3225		9/9						
	"	✓	3226		9/9				2- late		
	"	✓	3227		9/9				1- late		
	Imp. Blue Rose Sel.	2932	3228	8/16					1- late		
	"	2944	3229								
	"	2945	3230	8/15					2- late		
	"	✓	3231	8/17							
	"	✓	3232	8/15					3- late		
	"	2946	3233	8/17					3- late		
	"	2973	3234						2- late		
	Sup Blue Rose Sel.	2976	3235	8/12					1- late		
	Blue Rose type	2984	3236						3- late		
	"	✓	3237	7/26	S				2- late	3 E ¹	
	"	2999	3238	7/26	S						
	"	✓	3239	7/26	S				2- late		
	Blue Rose	87	3240	8/18					✓		

			DATES			PLANT LODG-		SHAD-	DISEASES			
			HEADING	RIPENING		HT.	ING	TERING	H.O.	Cerco-	White	Enty-
			1ST FULL	1ST FULL	HARV-	(IN.)	%			spora	Tip	loma
					ESTED							
Blue Rose type	3005	3241	8/2	S								
Braunmistic Sel.	✓ 3014	3242										
"	✓	3243	8/7	S								
"	✓	3244	8/4	S								
"	✓	3245										
"	✓	3246	8/3	S								
"	✓	3247	7/30	S								
"	✓	3248										
"	3017	3249										
"	✓	3250	7/30	S								
Sup. Blue Rose Sel	3019	3251										
"	✓	3252										
"	3021	3253	8/10	S								
"	✓	3254	8/13	S								
"	✓	3255										
"	3024	3256										
"	✓	3257										
"	✓	3258										
Blue Rose rogue	3050	3259										
Fortuna	43	3260	8/12									

				DATES		PLANT LODG.		SHAT- TERING	DISEASE	
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.	Cercu- spora
	Blue Rose rogue	3050	3261							
	"	✓	3262						1- late	
	Pexoto, Sel	2432	3263	8/18						
	"	✓	3264	8/18						
	"	2442	3265							
	"	2443	3266	7/24	S					
	"	2861	3267							
	"	2862	3268							
	"	✓	3269							
	Gold-hulled sel from 1938 sel		3270	8/17					1- late	
	Mira on Tarnan Farm									
	Purple Fortune sel 1938 sel		3271	8/18					1- late	
	Fortuna sel 1938 sel		3272	8/16					1- late	
F4-LINES	C.I. 5309 x Blue Rose.		3273	8/25	S					
			3274							
			3275							
			3276	8/18						
			3277							
			3278							
			3279	8/12	8/19					
	C.I. 4700		3280							

4-LINES:	DATES			PLANT LODG.		DISEASES		
	HEADING	1ST FULL	1ST FULL	HT.	ING	SHAT- TERING	H.O.	Cerco- spora
				(IN.)	%			White Tip
	C.I. 5309 x Blue Rose							
	34A40							
F4		4731	3288	8/4				
			3289	9/2				
			3290	9/2				
			3291	9/3				
			3292	9/3				
			3293	9/2				
F4		4743	3294	9/2 S				
			3295	9/5				
			3296	9/5				
			3297	9/2 S				
			3298	9/3				
F4		4746	3299	9/4				
	Shaded		3300	8/3 8/11				

					DATES			PLANT LOSS		SHATT- TERING	H.O.	DISEASES		
					HEADING	RIPENING		HT.	ING			Cerco-	White	En-
					1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%			spora	Tip	lon
	F4		4746	3301	9/19	8/30								
				3302	9/3									
	F4		4751	3303	8/9									
				3304	9/2									
				3305	9/4									
				3306	8/17	8/27								
				3307	9/2									
	F4		4757	3308	9/5									
				3309	9/5									
				3310	9/4									
				3311	9/3									
	F4		4758	3312	9/2									
				3313	9/2									
	F4		4764	3314	9/16	S								
				3315	8/10	S								
				3316	8/2	S								
9421A1-4	F4	LI. 3212 X Blue Rose	4445	3317	9/5									
-5			412	3318	9/3									
-6			411	3319	9/4									
		Blue Rose	87	3320	9/19	8/30								

				DATES		PLANT LODG.	SHAT	DISEASES				
				HEADING	RIPENING	HT.	ING	TERING	H.O.	Gerco- spora	White Tip	Enty- loma
				1ST FULL	1ST FULL	(IN.)	%					
A1-7				4945	3321	7/2						
1A-4-1				4946	3322	8/30						
5-1				4947	3323	8/31						
6-1				4959	3324	8/31						
714B38-11 C.I. 7689 x Colusa els. made 10/12/38 38-12					3325	7/24 S						
					3326	9/5						
51A1-75-6 Kameji x Shoemed				3141	3327							
1-75-7				3141	3328	7/20 S						
1-75-8				3141	3329	7/20 S						
1-75-9				3141	3330							
3723B38-1 FI [Colusa x Gabensis] x Blue Rose				I	3331	7/21 S						
2					3332	8/18 S						
3					3333	8/1 S						
4					3334	8/17 S						
5					3335	8/1 S						
6					3336	8/27						
1					3337	7/21 S						
8					3338	8/9 S						
3724B38-1 FI [Colusa x Gabensis] x A				II	3339	8/4 S						
Blue Rose (7183) check				37	3340	8/30						

late
unusual leaf blight, narrow leaves
relatively clean for H.O.

1- late

1- phy. da for T. albi

1- add

2- circ. resist. plants

		DATES			PLANT LOGG.		DISEASES	
		HEADING	RIPENING		HT.	ING	SHAT-	
		1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%	TERING	H.O.
								Cerco- spora
								White Tip
								En- lo
3724 B38-2	Fi [Colusa x Cubensis] x A	II	3341					
3			3342	8/18			1-late	
4			3343	8/2				
5			3344	8/11				
6			3345	7/28 S				
7			3346	8/17				
8			3347	7/25 8/3				
9			3348	8/4 S				
10			3349	7/25 S				
11			3350	8/10 8/18				
12			3351					
13			3352	7/26 S				
3725 B38-1	Fi [Colusa x Cubensis] x B	III	3353	8/1				
2			3354	7/28				
3			3355					
4			3356					
5			3357	7/30 S				
6			3358	8/16				
7			3359	8/12				
Blue Rose (7183) check.		87	3360					

DATES				PLANT LODG.	SHAT- TERING			DISEASES		
HEADING	1ST FULL	RIPENING	1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.	Gerco- spora	White Tip	Enty- loma
25 B38-9	F ₁ [Colusa x Cubensis] x B	III	3361	7/22 S						
9			3362	7/22						
10			3363	7/28 S						
11			3364	7/22 S						
12			3365	7/22 S						
13			3366							
14			3367	8/4 S						
26 B38-1	F ₁ [Colusa x Cubensis] x C	IV	3368	8/4 S						
2			3369	8/18						
27 B38-1	F ₁ [Colusa x Cubensis] x P(Texas)	V	3370	8/4						
2			3371							
3			3372							
4			3373	7/28 S						
5			3374							
6			3375	7/23 S						
7			3376	7/22 S						
8			3377							
9			3378							
10			3379							
Blue Book (1953) check		87	3380							

				DATES			PLANT LODG.		DISEASES				
				HEADING	RIPENING		HT. (IN.)	ING %	SHAT- TERING	H.O.	Cerro- spora	White Tip	Ent. loni
				1ST FULL	1ST	FULL							
3727B38-11	Fi[Colusa x Cubensis] x P(Texas)	IV	3381	8/10	S								
12			3382										
13			3383										
14			3384										
15			3385										
16			3386										
17			3387	7/24	S								
18			3388										
19			3389										
Odd plants:													
	Rexoro x C.I. 7689	2329	3390	8/17									
	C.I. 7689 x Fortuna	2371	3391	8/8	8/17								
	Edith x Kameji	2505	3392										
(May be Tetraploid)	7689 x Fortuna	2110	3393	7/28	8/6								
(May be Tetraploid)	Latex x C.I. 4700	3621	3394	7/24	8/4								
Short tiller from normal Shoemed plant.			3395	7/28	8/9								
Short tiller from normal plant.		4226	3396	7/28	8/4								
Semi-dwarf plant from Fi[Col. x Cuben] x P(Texas)			3397	7/25	8/4								
Caloro plant from 0.3% Colchicine treatment			3398	7/28	8/9								
"	"	"	3399	7/28	8/9								
Caloro check		51	3400	7/28	8/8								

*Original plant
showed 20 Nov - 79*

				DATES			PLANT LODG.		SHAT TERING H.O.	DISEASES		
				HEADING	RIPENING	HARV- ESTED	HT.	ING		Cerco-	White	Enty-
				1ST FULL	1ST FULL		(IN.)	%		spora	Tip	loma
Grassy plant	B9/4A8-2-3-1 x S.B.P.	5216-2	3401									
"	"	-3	3402									
"	"	-15	3403									
"	"	-19	3404									
"	"	-20	3405									
"	"	-24	3406									
"	"	-26	3407									
normal plant	"	5216-1	3408	8/12	HHH-HHH-HHH- HHH-11119.	8 =	27	226-	95	245-103		
"	"	-4	3409	8/15	24 4	24 4		167-	59	191-63		
"	"	-5	3410	8/2	8/18	norm						
"	"	-6	3411	8/10	8/18	norm						
"	"	-7	3412	8/13	19	8					19	-8
"	"	-8	3413	8/9	21	17		156-	48	177-55		
"	"	-9	3414	8/12	19	4					19	-4
"	"	-10	3415	8/12	23	5					23	-5
"	"	-11	3416	8/12	22	4					22	-4
"	"	-12	3417	8/12								
"	"	-13	3418	8/12	21	4					21	-4
"	"	-14	3419	8/12	13	6		182-	59	195-65		
"	"	-16	3420	8/12	18	6					18	-6

*grand total =
1196 normal to 425 grass
Jan 1938 21
1217 - N to 432 grass*

1939

norm grass

*1940 (copied from
1940 book)*

results

*normal grass Total
and normal*

		1938 Rm no.	DATES			PLANT LODG.		SHATT- TERING	DISEASES			
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Enty loma
Normal Plant	B31418-2-3-1 x S.B.R.	5216-17	3421	8/12	1939 normal				1940 results			
"	"	-18	3422	8/17	16 9 Normal green				normal green			16
"	"	-21	3423	8/12	19 4				187-8			206
"	"	-22	3424	8/12	normal							
"	"	-23	3425	8/15	21 5							21
"	"	-25	3426	8/12	normal							
"	"	-27	3427	8/10	23 9							23
			Totals		278 83 = 361				920 918 = 342			
Roller leaf Plant	B2916A31-5-2 x S.B.R.	5312-1	3428	8/17	1 plant not roller leaf				1 plant			
"	"	5312-2	3429	8/17	all roller leaf							
"	"	5312-3	3430	8/16	7 plants not roller leaf							
Normal Leaf Plant	"	5312-4	3431	8/16	17 normal leaf 6 roller leaf							
"	"	-5	3432	8/17	14 normal leaf 10 roller leaf							
"	"	-6	3433	8/16	20 normal leaf 9 roller leaf							
"	"	-7	3434	8/18	20 5							
Purpose for which some uncertain Probably not for leaf color change.			4660	3435	7/28 S							
			5073	3436	8/10							
(Possible haploid shoot from)	Pexotox	2256	3437		no plants							
normal shoot.	C.I. 5947.											
(largely sterile)	C.T. 7689 x Fortuna	2364	3438	7/28	S							
very tall and												
late plant												
Colono plant	from 0.3% Colchicine treatment		3439	7/29 8/9								
"	"		3440	7/28 8/9								

17 6
 14 10
 20 9 25
 20 5
 1939 = 71 30 = 101
 1938 = 12 7 = 79
 83 - 37 = 46
 - 30 = 16

In annual report add
5060
61
62
63
R4281C
4700 x R4

		DATES		PLANT LODG		DISEASES				
		HEADING	RIPENING	HARV- ESTED	HT. (IN.)	ING %	SHATT- TERING	H.O.	Cor- s	Enty- oma
		1ST FULL	1ST FULL							
371A3	B2916A28-4-2 x B283A5-4-4	5001	10	8/9						
372A1	B283A5-4-4-1 x B283A2-7-6	5002	10	8/4						
373A1	B283A5-4-4-1, x B2916A7-3-1-1	5003	10	8/6						
374A3	B283A6-4-1-1-1 x B283A2-7-6	5004	10	8/11						
375A2	B283A6-4-1-1-1 x B2916A7-3-1-1	5005	10	8/5						
376A2	B2920A9-9-1-1 x Shoemed	5006	10							
377A1	B2920A9-9-1-1 x B2916A28-4-2	5007	7/28	8/13						
379A1	B2911A18-1-1A x B314A8-2-2-4	5008	8/5							
3710A1	B2911A18-1-1A x Blue Rose	5009	8/13							
3711A2	B2911A18-1-1B x B314A8-2-2-4	5010	8/13							
3712A1	B2911A18-1-1B x Blue Rose	5011	8/14							
3713A1	Shoemed x Rexoro	5012	8/6							
3715A1	F1(3S12A) x SBlue Rose	5013	3							
3715A2	"	5014	3							
3715A3	"	5015	8/3							
3715A4	"	5016	7/30							
3715A5	"	5017	3							
3715A6	"	5018	3	8/12						
3715A7	"	5019	3	8/13						
3715A8	"	5020	3	8/16						

Possibly some seed for test, from early.

no seed for maturity

Possibly some seed for maturity

171 green - 65 Blue green leaf

more from maturity

OUTER SHEATH INNER SHEATH LEAF APEX APIC. ESCENCE
+ = purple do do
0 = green do do
do green purple do
do green purple do
do green purple do

Very good for H.O., practically no disease

Reddish leaves & infection leaf, some leaves infected plants

is full, practically no disease. More leafy than 5000

I.G. plants, some no disease than 5009, also more leafy

++ ++

++ ++

++ ++

good

fair too much leafy

only fair

only fair

good

Three rows of each family

3715A9 F1[3512A] x Sup. Blue Rose

5021

8/16

Fairly good

3715A10

"

5022

8/1

++ ++ last

3715A12

"

5023

8/16

good are only fair for H.D.

3715A13

"

5024

7/25

bad.

3715A14

"

5025

many H.D. resistant plants
8/5 best F1 plant

1 good

3715A15

"

5026

only fair H.D. good are.

3715A16

"

5027

8/6

bad

3715A17

"

5028

only fair

3715A18

"

5029

7/25

one resistant plant on lot now, many downy mildew plant and is not in row.

bad

3715A19

"

5030

8/15

bad

3715A20

"

5031

8/5

only fair for H.D. good are.

3715A21

"

5032

Fairly good

3715A22

"

5033

8/4

bad

3715A23

"

5034

8/8

bad

3715A24

"

5035

8/16

bad for H.D. good are

3715A25

"

5036

8/12

only fair

3715A26

"

5037

bad

3715A27

"

5038

8/16

only fair

3715A28

"

5039

8/16

bad

3715A30

"

5040

8/6

bad

3 rows of each family:

3715A31	Fi [3512A] x Sup Blue Rose	5041	7/10 ¹⁰ / ₁₅ Very late few visible. Keep.
3715A32	"	5042	8/15 bad
3715A33	"	5043	8/5 Best Fi plant bad.
3715A34	"	5044	only fair, bad.
3715A35	"	5045	7/10 ¹⁰ / ₁₅ some quite good plants. Keep
3715A36	"	5046	8/12 fair to good line
3715A37	"	5047	8/13 bad
3715A38	"	5048	V good
3715A39	"	5049	bad
3715A40	"	5050	8/4 mostly ¹⁰ / ₁₅ bad
3715A41	"	5051	bad.
3715A42	"	5052	8/7 only fair
3715A43	"	5053	8/ bad.

10 rows of each population

3716A1	C.I. 6121-3 x C.I. 6993	5054	Top on plants give det. of parents emerging from brood, pubescence + apical color. p = pubescent S = smooth r = red apex W = green apex: flr = faint red apex. by betas previous to July 15 are approximate.
3717A1	C.I. 6121-3 x C.I. 6993	5055	
3718A2	C.I. 6011 x C.I. 5810	5056	
3719A1	C.I. 6011 x Italian Red	5057	
3719A2	C.I. 6011 x Italian Red	5058	(discard growth above new tagged and the following characters were noted on the tags
P32-4	C.I. 6121-3 Nat'l cross	5059	
3720A1	Shoetmed x Early Prolific	5060	8/5 very little sig for parents

1	2	3	1 = apex
4	5	6	2 = stigma
7	8	9	3 = O. short
			4 = color of leaf
			5 = " pubescence
			6 = " density
			7 = " color of leaf
			8 = " antinodes



10 rows of each Population

Shoemed Nat'l Cross 5061 10

3721A1 Calady x Blue Rose 5062 10

3722A1 Fortuna x Blue Rose 5063 10

all plants tagged

1	2
3	4

1 = 0. sheath
2 = inner sh.
3 = apex
4 = apex
5 = stigma

Parent Material: 1 row of each

P20-2 B2916A28-4-2 (371A ♀) 5064 1 8/5

P21-4 B283A5-4-4-1 (373A ♀) 5065 7/23 8/1

P22-3 B283A6-4-1-1-1 (374A ♀) 5066 7/29 8/6

P23-4 B283A6-4-1-1-1-1 (375A ♀) 5067 7/27 8/1

P24-1 5068

P25-1 B2920A9-9-1-1 (377A ♀) 5069

P26-4 B2911A18-1-1Sel (379 ♀) 5070

do for cercospora resistance, uniform med-grain type
not as bad for rapid drying as typical 2911A18

P27-5 B2911A18-1-1Sel (3710A ♀) 5071

do, quite similar to 5070, no apparent

P28-3 B2911A18-1-1Sel (3711A ♀) 5072

a few cercospora susceptible plants more like typical 2911A18
but rapid drying tendency, long grain type

P29-2 B2911A18-1-1Sel (3712A ♀) 5073

P30-2 Shoemed (3713A ♀) 5074

P32-2 C.I. 6121-3 (3717A ♀) 5075

P33-1 C.I. 6011 (3718A ♀) 5076

P34-5 B283A2-76 5077

P35-2 B2916A7-3-1 5078

P37-1 B314A2-2-4 5079

P40-5 Italian Red 5080

all plants tagged



1 row of each parent

Blue Rose

5081

8/19 20 21 22 23 24 25 26 27 28

2 9 14 19 24 29 33 2 2

Sept 1 2 3 4 5 6 7

Rexoro

5082

2 4 6 8 13 17 20

7 not like

10-rows of each population:

3723A FI[Colusa x Cubensis] x Blue Rose

5083

A larger number of BK types present with Cercospora resistance. Some good grain types, clear grains, promising appearance.

3724A FI[Colusa x Cubensis] x A

5084

only fair

3725B FI[Colusa x Cubensis] x B

5085

only fair

3726B FI[Colusa x Cubensis] x C

5086

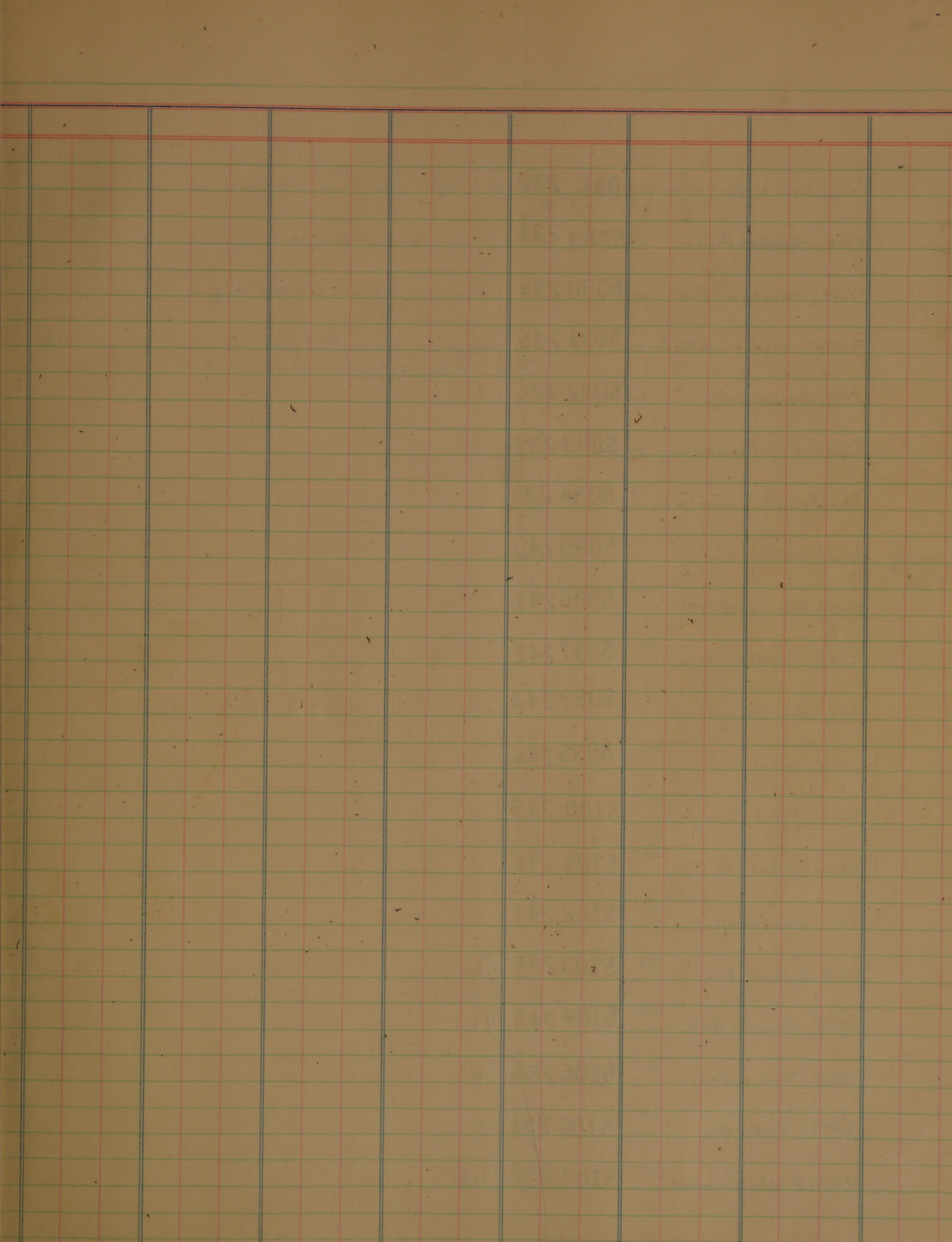
only fair, some spreading type plants

3727A FI[Colusa x Cubensis] x Tex?

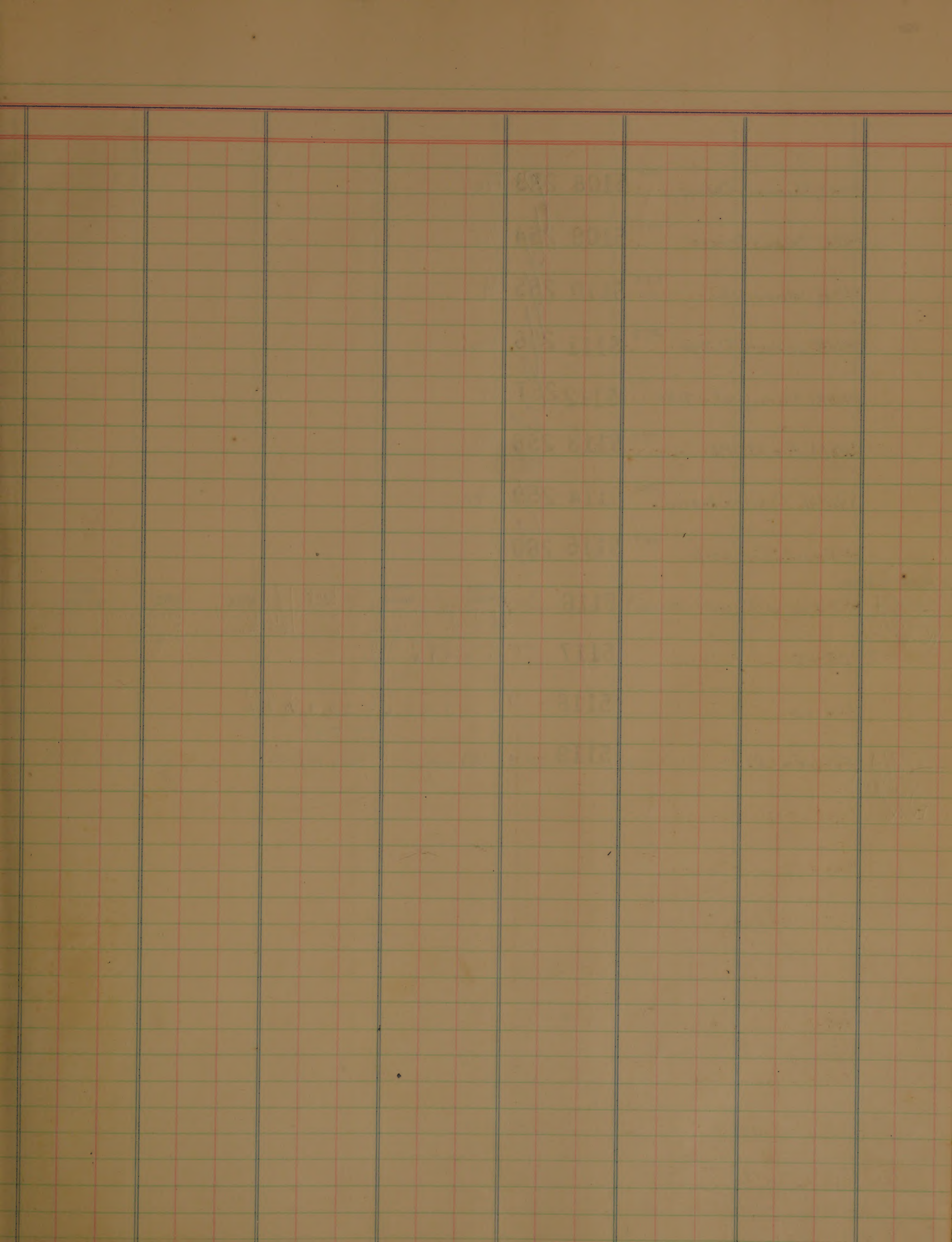
5087

only fair, a few very resistant No plants.

F2 of 4700 x Rexoro and Rexoro x 81C follow space sown bulk hybrid material listed on page.



Long Grain x Short Grain	230	5088	232	only fair, too much awn
321A, Rexoro x Delitas	230	5089	233	good, many promise types saved.
322A, Rexoro x T. Fort	231	5090	234	only fair, too much leaf drying.
323A, Rexoro x Sq. Blue Rose	232	5091	235	very good, many Bt types with awn, must be at gold hulls, no plants of this type with straw hulls.
324A, Rexoro x C.I. 5094	233	5092	236	
Long Grain x Medium Grain	234	5093	237	
Short Grain x Medium Grain	235	5094	238	
3310A, C.I. 7689 x Edith	237	5095	240	
3313A, Rexoro x C.I. 7689	238	5096	241	
3318A, C.I. 7689 x Fortuna	239	5097	242	
341A, Caloro x Fortuna	240	5098	243	4th row has a gray plant in it
342A2, Fortuna x 81C	241	5099	244	
343A1, Nira x Kameji	242	5100	245	
344A1, Caloro x Kameji	243	5101	246	
345A1, 81C x Kameji	244	5102	247	
346A, Shoemed x Nira	245	5103	248	8/1
347A1, Rexoro x Nira	246	5104	249	8/4
348A1, Caloro x Nira	247	5105	250	7/10
349A3, Nira x 81C	248	5106	251	7/10
3410A3, 81C x Shoemed	249	5107	252	7/15



			OUTER SHEATH	INNER SHEATH	LEAF	APEX	APIC.	PUB-ESCENCE
341A2, Shoemed x Caloro	250	5108 253						
3412A2, Caloro x Rexoro	251	5109 254						
3413A1, Caloro x 81C	252	5110 255						
3414A1, Delitus x T.S. 7190	253	5111 256						
3415A1, Kameji x T.S. 7190	254	5112 257						
3416A1, N x T.S. 7190	255	5113 258						
3417A1, T.S. 7190 x Rexoro	256	5114 259						
11-Variety Composite	257	5115 260						
2 populations.								
3747A From Henderson	C.I. 4700 x Rexoro (10 rows)	5116	outer + = purple o = green	inner + = purple o = green	leaf + = purple o = green	apex + = purple - Not recorded	apic. + = reddish. Pimp. o = green	pub-escence + = pubescent o = smooth
	C.I. 4700	5117	5 6 7 8 9 10 11 2 7 9 9 10 2 2 18	9 10 11 2 2 3 apt.				
	Rexoro	5118	1 2 3 4 5 6 7 8 9 10 11 12 13 1 2 3 4 4 4 5 4 3 2 1					
3781A From Henderson	Rexoro x 81C	5119						

approx ⁴²~~38~~ plants headed after Oct 19, 4 of which had not headed on Nov 10.

¹²¹~~127~~ plants headed after Oct 15, and 14 of which had not headed on Nov 10.

Caloro Inheritance material, north east end of block 1.

Material from Mr. Jones:

5201 Row 3099, (Caloro disease like mutation) 1 row 4363

5202 24185-143-1-4-1-1-1-1, Med-grain 1 row 4364
Biggs, Cal. (1938)

5203 2914446-1-1-1-1-3-2, Med-grain, Top Straw 1 row 4365
Biggs, Calif, 1938

5204 S.P.I.-116-337-Blue Rose + Y1224-1 1 row 4366

typical BR

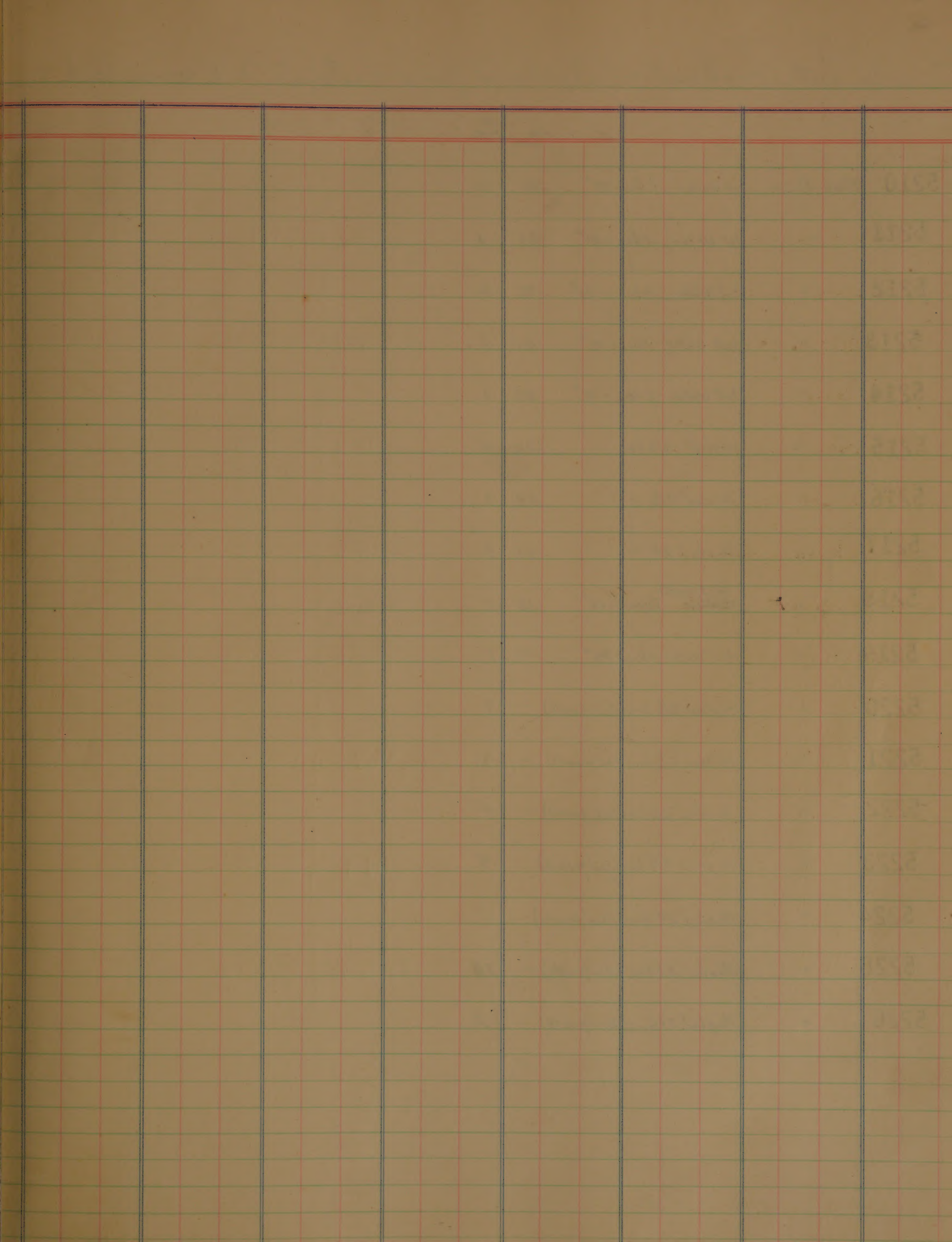
5205 Caloro 1 row 4367

5206 Caloro, short partly sterile 1 row 4368

5207 Variant Caloro 1 row 4369

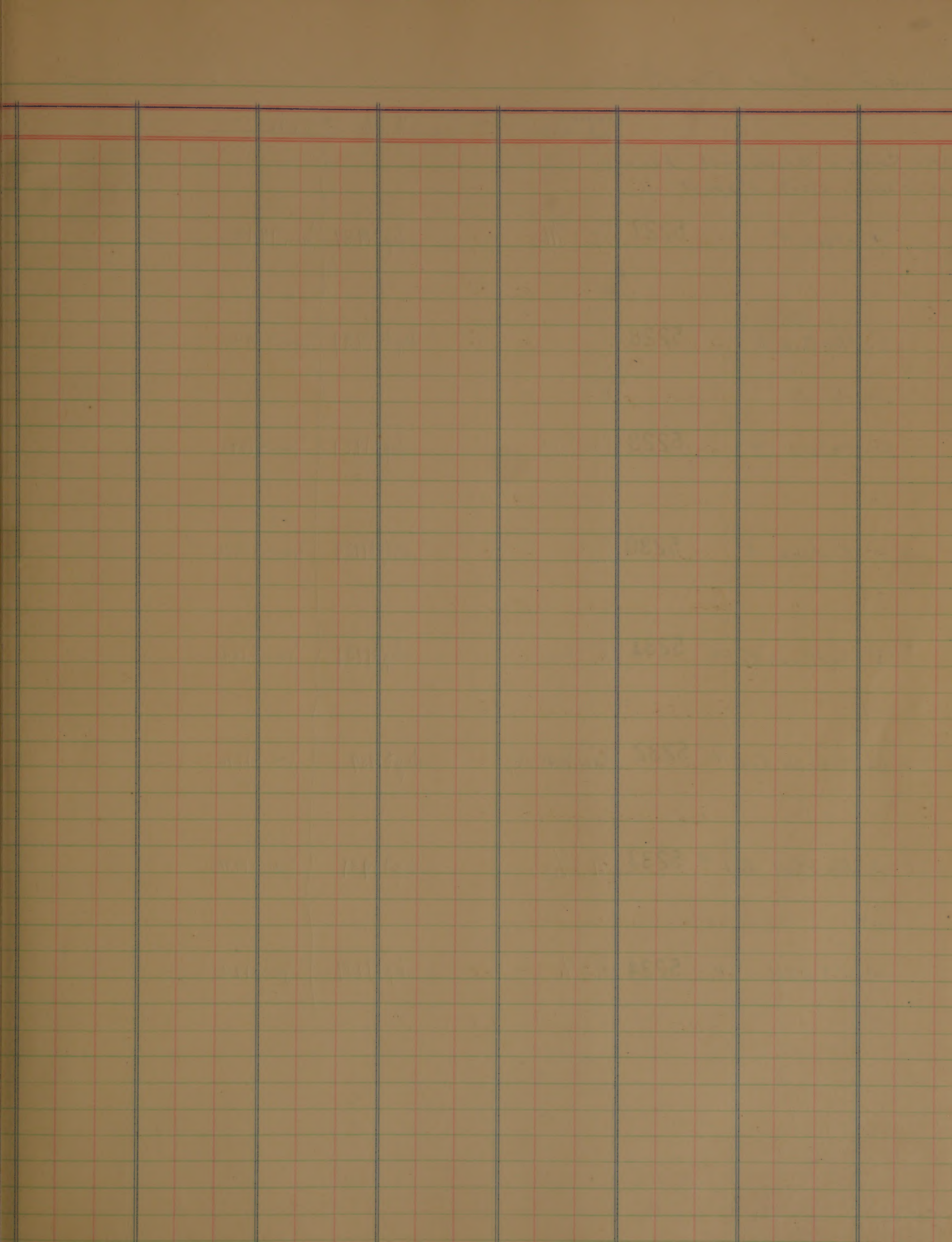
5208 F₁ [Colusa x Cubensis] x ? 1 row 4370

5209 P₂ [Variant x Caloro] 30 rows



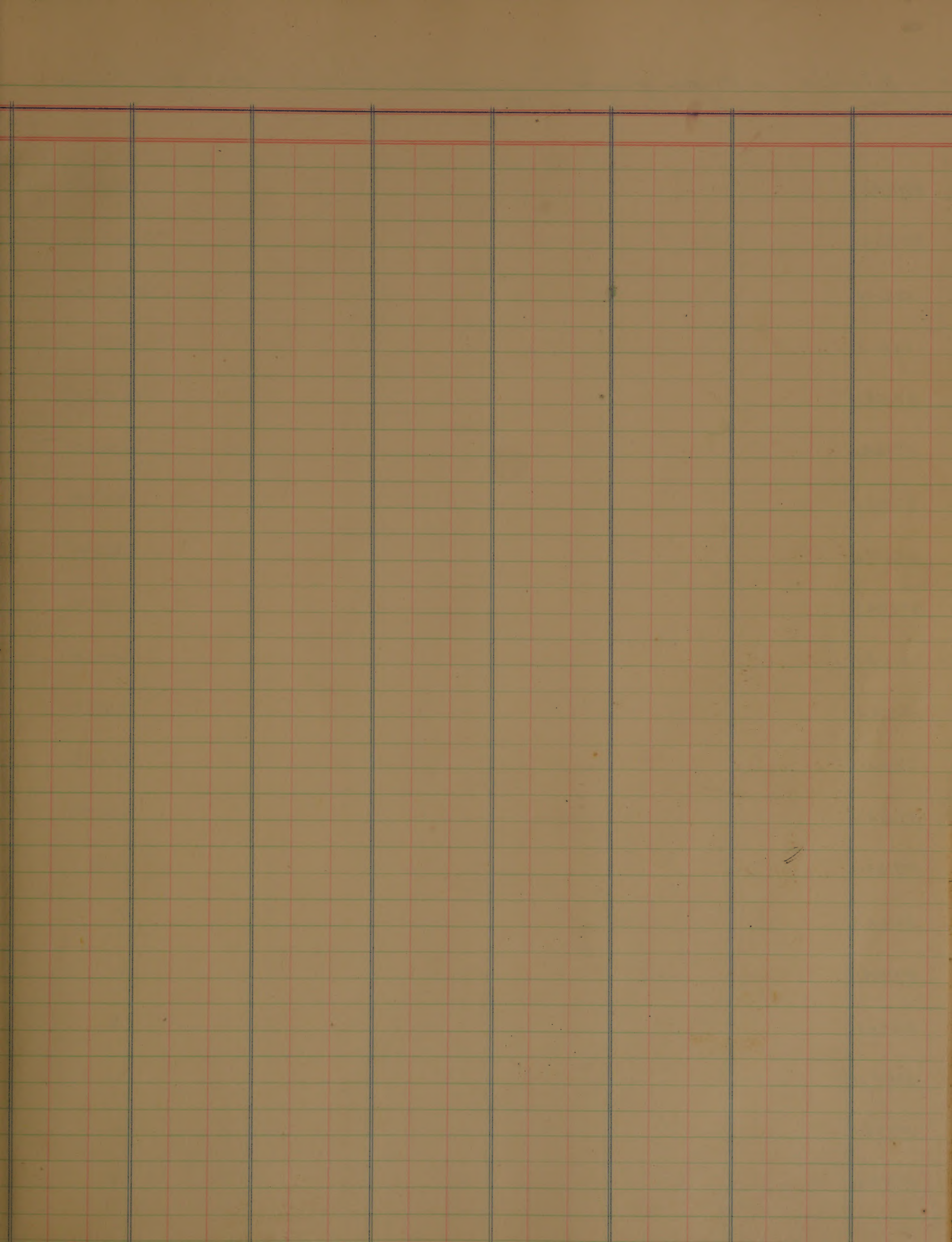
Treatment material - Followed Jones material N.E. corner block 1.

			No Seeds	No seeds
5210	Blue Rose, hot water	1 hr. - 39°	80	2
5211	"	hot water, 2 hrs. - 39°	51	1
5212	"	hot water, 3 hrs - 39°	72	2
5213	"	hot water, 1 hr. - 41°	51	1
5214	"	hot water, 2 hrs. - 41°	35	1
5215	"	Heated 5½ hrs.	80	2
5216	"	Heated 7½ "	24	1
5217	"	Heated 24 "	39	1
5218	"	Hot water 80 min - 44°	15	1
5219	"	Hot water 3 hrs. - 44°	17	1
5220	"	Heated 2½ hrs. (2nd growth) -		9
5221	"	Heated 5½ hrs. (2nd growth) -		10
5222	"	Heated 7½ hrs. (2nd growth) -		4
5223	"	Heated 9½ hrs. (2nd growth) -		4
5224	"	Heated 24 hrs. (2nd growth) -		6
5225	"	Heated 28 hrs. (2nd growth) -		10
5226	"	Heated 33 hrs. (2nd growth) -		2



Dormant Seed Expt.

		Heading 1st full	Sent to Wash	
Space Sown - 3 rows each Variety		1		
Rows 12" apart - plants 4" apart.				
✓ C.I. 6011 ✓	5227	8/5 8/16	Sept 1939	Jan 1940
✓ Blue Rose ✓	5228		Sept, 1939	Jan - 1940
✓ Caloro ✓	5229	8/2 8/12	Sept 1939	Jan - 1940
✓ Fortuna ✓	5230	8/15	Sept 1939	Jan - 1940
✓ Southern Red ✓	5231	7/1 8/10	Sept 1939	Jan - 1940
✓ Italian Red ✓	5232	7/10. 7/22 8/9	Sept 1939	Jan - 1940
✓ Blackhull Red ✓	5233	8/1 8/16	Sept 1939	Jan - 1940
✓ C.I. 5810 ✓	5234	7/5 8/1	Sept 1939	Jan - 1940



Plants & Misc. plants transplanted to field from greenhouse.
at west end of block no. 10

3715A39

3715A40

5216-14

5216-8

3715A38

3715A2

3715A5

3715A6

3715A8

3715A9

3715A11

3715A12

3715A14

3715A15

3715A16

3715A19

3715A20

3715A21

3715A22

3715A26

3715A28

3715A31³⁰

3715A32

3715A33

3715A35

3715A36

376A2

377A1

379A1

3710A1

3711A2

3712A1

3716A1

5216-1

14

17

21

25

2

19

5216-20

21

4585

2110

3621

4061

C.I. 3625 Nat'l cross

Edith Haploid removed

3033 Haploid removed

4142 Haploid removed

Dwarf from Edith.

Row - 11

original Heat Treatment Plants (Blue Rose)

72 hrs.

48 hrs.

33 hrs.

F1 plants

Calorox Blue Rose

Calorox Calady

Shoemed x Early Prolific

F1 Plants.- Row-11, continued.

Calady x Blue Rose

Fortuna x Blue Rose

Row- 12.

3371 x 3822

3622 x 3822 2 plants

3371 x 2734

2734 x 3371

2734 x 3609 2 plants

Blue Rose x C.I. 4440 9 plants

Blue Rose x Shoemed 15 plants

Blue Rose x Zenith 9 plants

3822 x 2735

Blue Rose x Lady Wright 9 plants

Pre-Colorox 1BR

Blue Rose x FI [Colorox Calady] 13 plants

3822 x AL-11

2738 x AL-11

3 plants*

3622 x 3371

3622 x 2734

3 plants*

Row - 12

ogeneity from Heat treatment plants

Blue Rose, 48 hrs. 5 plants.

" , 72 hrs. 1 "

" , 9 1/2 " 1 "

" , 3 1/2 " 2 "

Row - 13.

Fi[Delitus x Revoto] x Fi[Calady x Blue Rose] 9 plants

Fi[Shoemed x Early Prolific] x Fi[Calorox Calady] 6 "

Row 14. 21

Shesmed x F₁ [Caloro x Calady] 9 plants

F₁ [Caloro x Blue Rose] x F₁ [Caloro x Calady] 2 plants

F₁ [Delitua x Resoo] x F₁ [Calady x Blue Rose] 8 plants

Caloro x Blue Rose - F₂

F₁ [Shesmed x Early Prolific] x F₁ [Caloro x Calady] 14 plants

Delitua x Resoo - F₂ 6 plants

Shesmed x Early Prolific - F₂ 6 "

Row 15 - Disease inoculated F₂ plants (H.O.)

3710A1

379A1

3715A4

3715A8

3715A14

3715A15

Row 16 -

3715A16

3715A40

ck I

ck II

ck III

314A x SBR

Row 17

314A x SBR

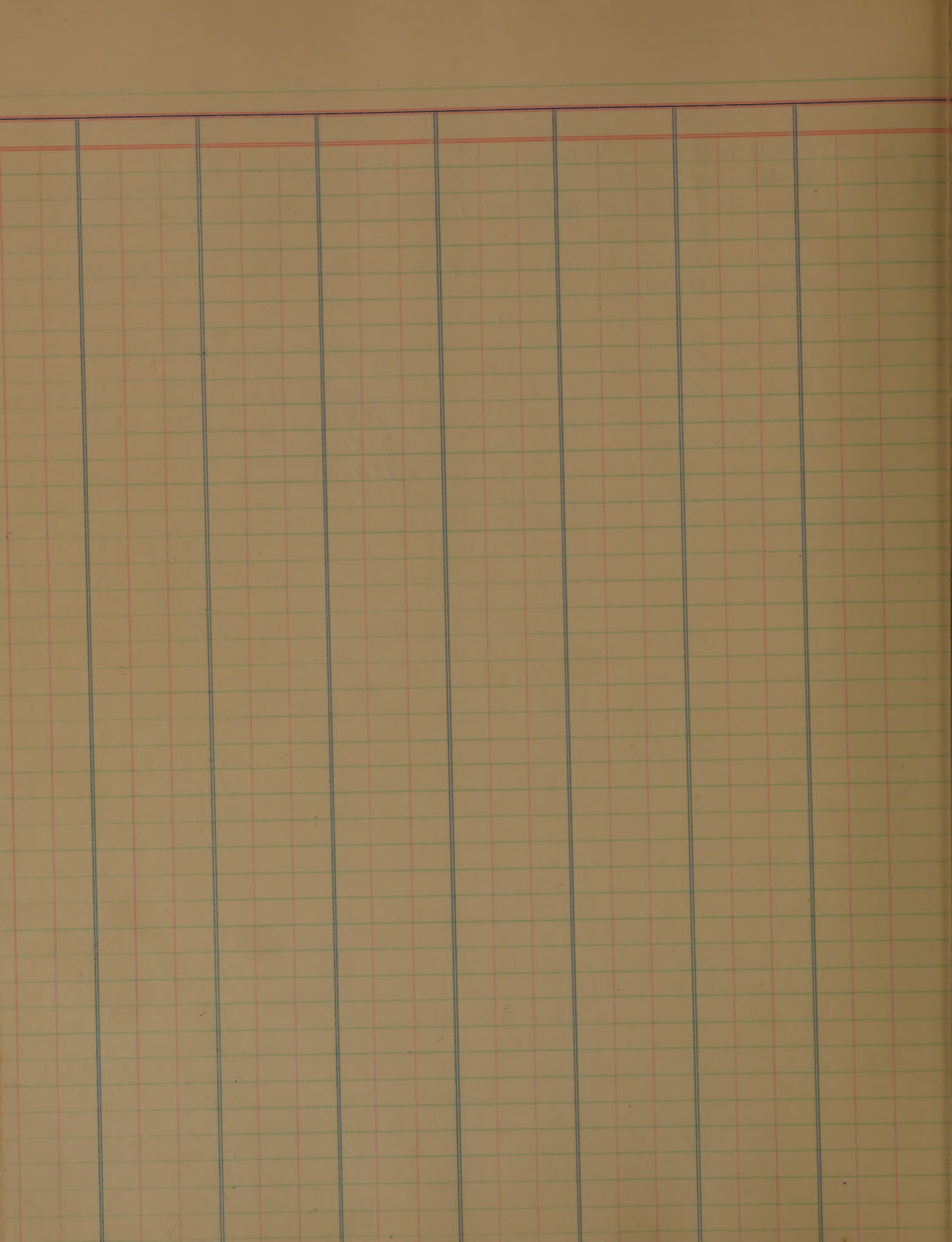
One Late yield nursery block, the following F₂ hybrids from Jones

7137
 7151 best
~~7160~~
 7165
 7217(324A3)

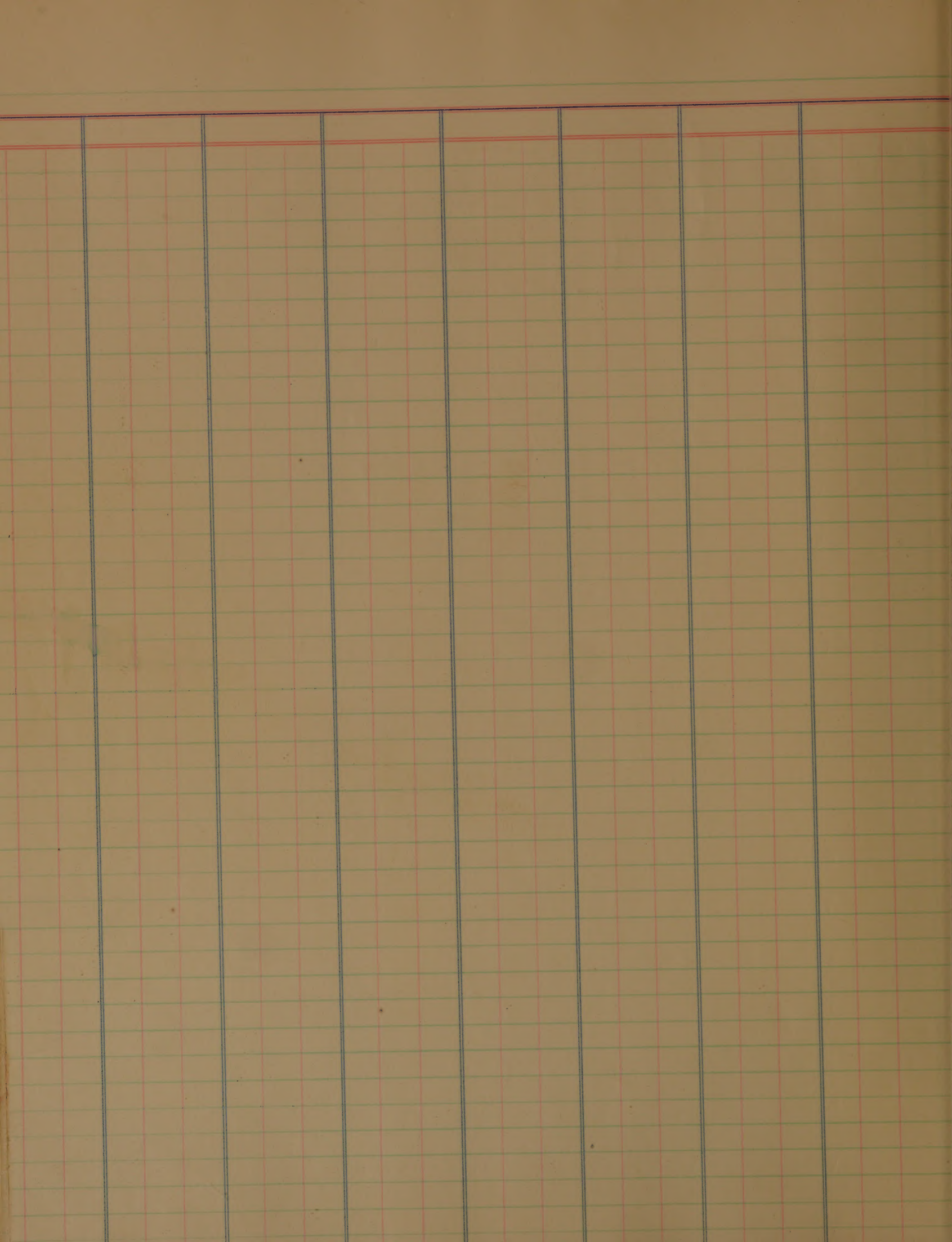
7220
 7242 fair

} for disease resistant crosses.

aug 25	colt pollen stigmata removed	Bl Rose. '4243	13 flowers - 3 seeds set
aug 26	punctured needle, Blue R.	44+45	
Sept 4	Row 7120 x Row 201 using pollen suspended in destine - pectone mixture	46, 47, 48 ✓	
Sept 5	do	49-50 ✓	
Sept 5	Row 7120 x Row 201 using usual method	51 ✓	395A
"	Row 7120 x Shermid	52 ✓	393A
	x Rexora	53	391A
	x Delitus	54 ✓	392A
	x Row 3282	55 ✓	394A
BR x 5309	9/14	2 seeds	3922A
2418 5-4-1-1-1 x 2914 4-1-1-1-1-3-2	9/15	1 seed	
6011 x 5309	9/13		3921A
6011 x Blue Rose	9/13		3920A
5309 x Blue Rose	9/14		
5309 tested 25 minutes	9/14		
Black Bull x 5309	9/13		
3212 x 5309	9/13		
3212 x 5309	9/14		3925A
6121-3 x 3212	9/13	5 seeds	3917A
6121-3 x Blue Rose	9/13	1 seed	3918A
do	9/14	no seeds	3919A
Row 4329 x Steel Red	9/13		
Row 4329 x Row 4205	9/13	poor pollen	
5309 x 3212	9/14	2 seeds	
5309 x Black Bull Red			3924A







Panicles photographed

7-27-39

Row 4266 gold hulls with red apic

4254 black hulls

4326 gold hulls with red apic

Stalks Red

4312 straw hulls with red apic & awns

C.I. 5309

Purple hulled segregate from 6121-3 x 6993 (3717A1)

	1937	1938		Pan Saved
C.I. 3212 x C.I. 5309	(pr hulls glut endos.)	4009	4001 all pr row, Uniform early	1
"	"	4009	4002 Seg pr + white, white have fading pr character ^{1 sub.} pr apex	1
"	"	4010	4003 all pr row, Uniform early	1
-	mp hulls glut endo.	4016	4004 mostly mp, few pr.	chipped together 1 mp over W 1 mp over straw
"	"	4016	4005 all fading ^{light} types with propic on white + straw base. med maturity, 1 latiph	1
-	mp hulls glut endo.	4016	4006 mix mottled pr, fading types, ^{white} base, mid season maturity uniform	1
"	"	4016	4007 rather late maturity, propic seg for mp + straw with propic	1
"	"	4025	4008 uniform early maturity information base; not rapid fading type, rather light mp	1
"	"	4025	4009 uniform early maturity mp in straw base, not rapid fading type, darker than 4008	1
"	"	4025	4010 uniform early maturity same as 4009	1
"	"	4025	4011 uniform early maturity same as 4009 Seg for intensity of mp color. Do all mp however.	1
-	(mp hulls seg. endo.)	4054	4012 uniform early maturity preceding time for proliferated shoot development all mp hulls.	1
"	"	4054	4013 uniform early maturity seg for proliferated shoot development	0
"	"	4054	4014 uniform early maturity Seg for profif shoot development mp hull seg for intensity. Very light toppe saved	1
"	"	4054	4015 uniform early mp hulls	1
"	"	4054	4016 all uniform early mp hulls, seg for proliferated character	1
"	"	4054	4017 all uniform early mp hulls. Seg for profif character	1
-	(mp hulls glut endo.)	4063	4018 uniform early all mp rapid fading type. Seg straw + white base	2 (1 each)
"	"	4063	4019 med early, uniform Tall, rather complete fading uniform for this tendency (all straw base)	1
"	"	4063	4020 mp on white base, fading type 2 plants, 1 W	1

Cross and
1938 description
C.I. 3212 x C.I. 5309

1937

Pan
Sand

(straw hulls)
(glutinous endo)

4068	4021	all white hulls with pr. apic. maybe up feeding type uniform early	1
4068	4022	light mp (feeding type on white hulls) uniform uniform early	1
4068	4023	white with pr. apic. and possibly some feeding pr. early uniform	1
4070	4024	straw with pr. apic. probably some pr. in hulls when green early uniform	1
"	4025	straw, pr. apic + some pr. in hulls when green	1
"	4026	white with pr. apic. does not appear to have pr. in hulls pr. in hulls	1
"	4027	seg for maturity straw with pr. apic. some pr. in hulls when green	1
4072	4028	white with pr. apic, uniform early. Some plants have pr. in hulls when green plant appearing to not have this tendency saved	1
"	4029	white with pr. apic. pr. in hulls when green	1
"	4030	white with pr. apic pr. in hulls when green	1

C.I. 5398 x C.I. 5309
(purple hulls)

4085	4031	mostly mostly early. Seg for straw + Brown furrows. no pr color present. straw may not be present	1 straw 1 B. furrows
"	4032	Brown furrows and possibly straw no pr color, mostly late	
"	4033	seg for maturity. mostly brown furrows and possibly some straw no pr present / which is the as straw	
4088	4034	mostly early. deep on red	1
"	4035	early maturity all pr red. pr may not be present	1
"	4036	mod. early. Red hulls, pr probably not present	1
4089	4037	very early, uniform Breeding true for undigested dissection, all pr-hulls highly colored with glumes	1
"	4038	very early, all protuberant	
"	4039	very early. protuberant all pr-hulls	1
4090	4040	Seg for maturity. Deep pr and very hulls appears to have brown color immature along with pr	2

no evidence of

cross + description (F ₂)					
5398 x C.I. 5309 (purple hulls)	4090	4041	all pr and most plants appear to be brown		1
"	"	4042	all pr		1
"	4092	4043	late Seg pr + mp		1
"	"	4044	late Seg mp		1
"	"	4045	late Seg		1
straw hulls)	4157	4046	all straw, no pr or red color present		1
"	"	4047	all straw, no pr or red present Seg maturity & proliferation		1
"	"	4048	all straw Seg for proliferation		0
"	4173	4049	Seg maturity of few very late. no pr present. Seg for straw and a red rather than brown furnace type. Held no in apex & a gl.		2 x)
"	"	4050	Seg maturity appears to be Seg. straw & reddish red or red furnace type		1
"	"	4051	Seg for straw & mottled red. Seg maturity		1
(gold furnace)	4191	4052	parent type brown furnace all. Seg maturity		1
"	"	4053	all parent type for furnace Seg maturity		1 + 1
"	"	4054	all parent type brown furnace Seg maturity		1
"	4204	4055	Red on brown furnace all. Seg maturity furnace may be red on brown furnace.		1 + 1
"	"	4056	red on brown furnace all. Seg for prolif character		1
"	"	4057	Same as 4055 + 4056		1
I 5398 x C.I. 4504 (straw hulls pubescent common ends)	4225	4058	all straw Seg maturity		1
"	"	4059	all straw seg maturity		
"	"	4060	all straw Seg maturity		

no evidence of pr
about 1/2 of the time

Cross and

1987 (F2) Description

C.I. 5398 x C.I. 4504

(gold furrows
pubescent
glutinous)

"

"

"

"

"

(gold hulls
pubescent
segr. endo)

"

"

"

"

"

gold hulls
smooth
segr. endo.

"

"

C.I. 5398 x C.I. 3212

(straw hulls
common endo)

"

"

"

"

4287A || 4061 seg pub. pubescent
Brown furrow type all

4287A 4062 all gold fur

4287A 4063 all brown furrows. seg pub.
segr.

4287B || 4064 all brown furrows. Seg pubescence
may be darker than 4061

4287B 4065 Same as 4064

4287B 4066 Same as 4064

4310 4067 gold hulls.

" || 4068 gold hulls

" 4069 Cassini's later many dark plants which may be
Br furrows over gold.

4311 || 4070 gold all seg. intensity
looks like gold over Br furrows

" 4071

" 4072

4320 4073

" || 4074 20 gold plus a faint mottled purple. which fades
out upon ripening. 20 on off type for this cross

" 4075

4330A 4076 white all, most have faint red tinge.

" 4077 all white

" 4078 all white

4330B 4079 all brown
furrows

" 4080 all brown furrows

1 + 1

1

1

Cross and

937 (F2) Description

C.I. 5398 x C.I. 3212

(straw-hulls)
(common ends)

(straw-hulls)
(segr. ends)

"

"

C.I. 5398 x C.I. 1645

(straw-hulls)
(common ends)

"

"

(gold furrows)
(common ends)

"

"

"

"

(gold hulls)
(common ends)

"

"

(gold hulls)
(segr. ends)

"

"

C.I. 1962 x Blackhull Red

(black hulls)
(red and coat)

"

9330B 4081 all brown furrows.

4338 4082 straw + sep per fading type, self proper

" 4083 Same as 4082

" 4084 Same as 4082

4426 4085 Straws all, few show a slight yellowish cent.

" 4086

" 4087

4492B 4088 Seg for gold furrows and a type more darker in gold color than common gold.

" 4089 Same as 4088.

4492B 4090 Seg for maturity of gold furrows. Same very light tipples present. Indecision

" 4091 Same as 4090

" 4092 Same as 4090

4519 4093 Deeper gold than 4092, present. A reddish gold.

" 4094 Same as 4093

" 4095 Same as 4093

4521 4096 lighter gold than 4096, more like C.I. 1645

" 4097

" 4098

4559 4099 Seg black hulls + straw-hulls + patch gold white and coat

" 4100

C.I. 1962 x Blackhull Red
(black hulls
red seed coat)

(black hulls
red seed coat)

"

"

(patchy gold hulls
red seed coat)

"

"

(patchy gold hulls
red seed coat)

"

"

(faint patchy gold hulls
red seed coat)

"

"

(straw hulls
red seed coat)

"

"

Blue Rose Parent.

4410 C.I. 1962 x C.I. 5309
(purple hulls)
glutinous

2 "

3 "

4551 4101

4589 4102

" 4103

" 4104

4604 4105

" 4106

" 4107

4606 4108

" 4109

" 4110

4632 4111

" 4112

" 4113

4651 4114

" 4115

" 4116

4661 4117

4694A 4118

" 4119

" 4120

neat red seeded Bl hull type

all Bl/gold red seed. neat white seeded line

Patchy gold hulls red white seed coat saved

light patchy gold more of prebold type all red seed
lack white seed of this type

neatly pr some mottled pr + straw.

neatly pr

neatly pr

C.I. 1962 x C.I. 5309
5-4 (purple hulls)
glutinous

5 "

6 "

7 "

8 "

9 "

10 "

11 "

12 "

13 (brick red hulls)
glutinous

14 "

15 "

16 (straw hulls)
pr apex
segr. endo

17 "

18 "

19 "

20 "

21 "

I. 3212 x C.I. (645 3420A1-1)
(straw hulls)

22 "

4694B 4121 mottled red and red

" 4122

" 4123

4694C 4124

" 4125

" 4126

4698 4127

" 4128

" 4129

4712 4130

" 4131 mostly brick red.

" 4132

4777A 4133

" 4134

" 4135

4777B 4136

" 4137

" 4138

4792 4139 all straw

" 4140 all straw

2 small hybrids and
check glut corn ratios and amount of starch

Select these 15 for

1-2

C.I. 3212 x C.I. 1645
3420A¹ (straw hulls)

2-1 "

2-2 "

2-3 "

3-A (gold hulls)

-2 "

-3 "

4-1 "

-2 "

5-1 "

2 "

3 "

6-1 white hulls

-2 "

-3 "

3421A¹ C.I. 3212 x C.I. 1962
(straw hulls + spic)

1-2 "

-3 "

3421A²⁻¹
(white hulls + purple spic)

2-2 "

4792 4141 all straw

4797 4142 seg straw & gold.

" 4143 seg straw & gold.

" 4144 seg straw & gold.

4858 4145 all gold "

" 4146 all gold "

" 4147 gold + ^{1/2 straw}
~~no straw~~

4861 4148 white hull orange at base.

" 4149

4862 4150

" 4151

" 4152

4877 4153

" 4154

" 4155

4945 4156

" 4157 triploid plants

" 4158

4980 4159 seg maturity

" 4160

white hull and straw.
hull and orange base.

T. 3212 x C.I. 1962

(white hulls,
purple apex)

(straw hulls)
per apex

4980 4161

4942 4162

" 4163

" 4164

T. 3025 x C.I. 4011

(straw hulls
pubescent
short outer glumes)

4996 4165

" 4166

" 4167

T. 5810 x Blackhull Rod

(patchy gold hulls)
red seed coat

5078 4168

" 4169

" 4170

appears to have brown seed and glumes.

5081 4171

" 4172

5109 4173

" 4174

" 4175

5130 4176

" 4177

" 4178

5153 4179

" 4180

(black gold hulls)
red seed coat

C.I. 5810 x Black hull Red

(Black
gold hulls
red seed coat)

5153 4181

"

(gold hulls
brown seed coat)

5172 4182

"

" 4183

"

"

" 4184

"

" 4185 1 plant

Black hull Red parent

5176 4186

C.I. 3025 Parent

5177 4187

C.I. 4011 Parent.

5178 4188

Cross A

purple

4189

purple

4190

red purple

1

mottled purple

4191

"

"

4192

1

Red

4193

1 plant red

1

mottled Red

4194

mottled red

1

"

4195

no plants

mottled Red ?

4196

1

Cross B

purple

4197

2 plants got later, later planted - 1

"

4198

no plants

Red

4199

no plants

"

4200

no plants

1

Series C.

Purple

III 4201

3

"

4202

no plants

Purple/gold

4203

1

"

4204

1

Straw

III 4205

straw, prapix, sup pr in seg organ

4.

Patchy gold

I 4206

1

Gold

4207

no plants

Series D

Purple

4208

no plants

Purple/Red

4209

no plants

Straw

4210

2 plants

2 later

Mottled Red

4211

no plants

Red (Straw?)

4212

no plants

Series E

Purple

" 4213

pr. - glt. may become com

Mottled Purple

4214

mpx-com

Red

I 4215

~~all~~ all light red furrowed

Mottled Red

" 4216

mixed all

Straw

" 4217

Straw (prapix)

" 4218

White

" 4219

excludes one plant with white buds, glt end, smooth red and green apex Tagged,

White (prapix?)

4220

Cross F	purple	II	4221	imp/gold		3
	mottled purple	III	4222			3
	mottled purple(?)	IIII	4223	seg hulls		3
	mottled purple/gold		4224	imp		1
	"	IIII	4225			2
	mottled Red	II	4226	looked like mr + gold. Seg gold + corn		2
	"	II	4227	Is mr but not plants appear to have gold present		2
	Gold	I	4228	looks to be true gold		1
	straw	II	4229	seg for sp + internode color		2
	straw	IIII	4230			many
Cross G	straw Long gl.	IIII	4231			many
	Patchy gold	II	4232	$\frac{P}{2}$ $\frac{S}{2}$ $\frac{P}{2}$ $\frac{P}{2}$ $\frac{P}{2}$ $\frac{P}{2}$ $\frac{P}{2}$ $\frac{P}{2}$ $\frac{P}{2}$ $\frac{P}{2}$		3
	Patchy gold, Long o. gl.	IIII	4233			many
	gold, Long o. gl.	II	4234			many
	Gold	I	4235	1 plant		1
	Purple/gold	I	4236	gold		several
	Purple/gold (?)	II	4237	gold		several
Cross H	Purple	I	4238	or glst		1
	mottled Purple	I	4239	imp glst		✓
	Light mottled Purple	IIII	4240	longer on straw gold		✓

ass H Mottled Purple/gold " 4241

gold ' 4242

straw, purple apex " 4243

straw " 4244

ass I straw " 4245

patchy gold (Heavy) " 4246 all pickled white

patchy gold (light) " 4247 Seg for ^{amber & light amber} seed color & hulls

patchy gold (very light) " 4248 seg row

gold. ' 4249 all gold hulls, deep amber seed.

ass J. 1 Black " 4250

Black/gold 4251

straw 4252

straw (purple apex) 4253

patchy gold or gold 4254

patchy gold 4255

" 4256 light with purple

ass K Black 4257

Black/gold 4258

straw 4259

gold 4260

Cross K	patchy gold	4261		
	"	4262		
Cross L	Black	4263		
	Black/gold	4264	get pr tipped Blackhead type later	
	"	4265	522	✓
	patchy gold	4266		✓
	"	4267		✓
	Straw	4268		✓
	Straw (pr. apic)	4269		
Cross M.	Black	4270		
	Black/gold	4271		
	Black/patchy gold	4272		
	Purple	4273	no plants	
	Purple/gold	4274	no plants	
	light Purple	4275	20 a natural cross, has smooth buds	
	patchy gold	4276		
	"	4277		
	"	4278		
	Gold(?)	4279	dup pr gold	
	Straw	4280	Straw	

cross N	Straw		4281	Strawhills, seg for apic color
	"		4282	pure straw
	Straw (purple apic)		4283	all for G most purple
	"		4284	later now
cross O	Black (F ₂ plant)		4285	leg Black + Bl/gold
	Black (F ₂ plant)		4286	
	Black/gold		4287	
	"		4288	
	Straw	"	4289	
	"		4290	
	patchy gold		4291	
	"		4292	
	light patchy gold		4293	
cross P	Red		4294	all red
	"		4295	
	mottled Red		4296	no plants
	light mottled Red		4297	
	"		4298	
	Straw		4299	no plants
cross Q	mottled Red or Red		4300	ex same later

Cross Q	light Red	4301		
	"	4302	no plants	
	Brown furrows	4303	1 pl	
	Brown or Red furrows	4304	1 pl	
	straw	4305	no plants	
Cross R	straw	4306	leg straw - gold	
	gold	4307	all gold.	
Cross S	straw (long a gl)	4308		
	Kernel pr - red			
	straw (Kernel red)	4309		
	straw (Kernel preback)	4310		
	straw (long a gl) Kernel pr-Red	4311		
	straw (Kernel normal Br.)	4312		
Cross T	Purple - glutinosa	4313		
	Mottled Purple - Common	4314	no plants	
	straw, prapic, common	4315	no plants	
	straw, prapic, glutinosa	4316	1 plant, panicle harvested	
Cross U.	Black	4317	no plants	
	Black, long a gl.	4318		
	Black / gold	4319		
	straw	4320		

Gemma later

Gemma later

BL type with long a gl. (long)

Gemma later

Gemma later

ss U.	straw, long egl.	4321	
	Patchy gold	4322	
	Patchy gold, long e.gl.	4323	
	light patchy gold	4324	
ss V	straw	4325	no plants
	Heavy Patchy gold, (tips colorless)	4326	gold pr. tips Examine later, nearly panicle sand
	Patchy gold	4327	
	"	4328	
	med. light patchy gold	4329	
	light patchy gold	4330	
	"	4331	po & hulls deep pr plant, pr tips, white seed
	gold	4332	gold & po & G. panicles branched. no pr color in these row.
	Red gold	4333	no plants
X	straw, common	4334	
	straw, glutinous	4335	
	Red or brown furrows, glut.	4336	
	Red or brown furrows, common	4337	
	"	4338	no plants
	Red or brown furrows, glutinous	4339	
		4340	

I. No.				other marks	st	length	of eye	leg	leg	R. leg	R. leg
6011	Internals pale green	4361	✓	Pr	v	st	the	v	Pr	v	v v R.O.
5810	" lighter gold.	4362	the Pr	the Pr	the Pr	at	v	v	v	Pr	v v R.O.
											v = no color or normal green or brown

late
Sept 9/1931
Beaumont, Tex

Crowley, La.

Statigant, A

DISEASES				DISEASES				DISEASES			
H.O.	Cercospora	White Tip	Enty-loma	H.O.	Cercospora	White Tip	Enty-loma	H.O.	Cercospora	White Tip	Enty-loma

1600	Colusa	1	7001	15 15	+						
	Early Prolific, 3214	2	7002	15 35	+						
7787	Zenith	3	7003	20 15	+						
	B2916A7-3-1-1, ExBR	4	7004	20 25	+						
	B2916A10-4-2, ExBR	5	7005	25 45	+						
	B2917A29-2-2-1-1, BRxCG	6	7006	10 30	+						
19887	7785 Early Blue Rose, (Ark.)	7	7007	15 30	+						
14889	3625 Shoemed	9	7008								
14803	5451 Lady Wright	10	7009	20 35	+						
14903	7788 Latex	11	7010	20 25	+						
	B283A2-7-6, ExF	12	7011	25 15	0						
	C283A3-6-2, ExF	13	7012	15 25	+						
	S283A2-4-5, ExF	14	7013	15 30	+						
	B2916A12-2-1, ExBR	16	7014	20 10	+						
	S2912A34-2-1-3, KxBR	21	7015	20 15	+						
	S2920A32-5-56-7, JBRxF	22	7016	20 15	0						
	B283A3-4-5, ExF	23	7017	25 10	0						
	B2913A29-1-1-1, CoxBR	39	7018	10 20	+						
9821	1344 Texas Fortuna	43	7019	30 10	0						
14926	2702 Nira	45	7020	25 15	0						

Beaumont, Tex

Crowley, La

Stuttgart, Ark.

				DISEASES				DISEASES				DISEASES			
				H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	Enty- loma
19915	4060		47	7021	25	0	0								
8076	1206	Delitus	48	7022	15	5	0								
19888	461		49	7023	35	5	0								
19938	7786	Calady	50	7024	25	5	0								
19799	15611	Caloro	51	7025							spurred				
	B2920A9-9-1-1, IBRxF		55	7026	15	0	0								
	S2920A42-6-1, IBRxF		56	7027	35	5	+								
	B283A3-5-4-1-1, ExF		57	7028	20	0	+								
	B283A9-6-1-2-1-1, ExF		58	7029	35	0	0								
	C283A9-6-1-2, ExF		59	7030	15	0	+								
	S2914A18-3-8, CAxBR		60	7031	30	5	+								
	C2914A6-3-1, CAxBR		61	7032	25	5	+								
	AK-11-1C, SxF		63	7033	15	0	+								
	B321A2-6-1-1, RxD		67	7034	20	5	+								
19882	1988	Acadia	72	7035	25	5	+								
	B295A18-1-1-1, ExK		77	7036	15	0	+								
	B321A2-8-2-1, RxD		79	7037	35	0	0								
	B2912A13-2-2-1-1, KxBR		81	7038	20	0	0								
	Unnamed Japanese		85	7039	20	0	0								
19941	1779	Rexoro	86	7040	30	0	+								

Beaumont, Tex

Crowley, La.

Stuttgart, Ark

DISEASES
H.O. Cerco- White Enty-
H.O. spora Tip lomaDISEASES
H.O. Cerco- White Enty-
H.O. spora Tip lomaDISEASES
H.O. Cerco- White Enty-
H.O. spora Tip loma

7/83

1/462 Blue Rose

87

7041

B291A18-1-1, KxH.

88

7042

C2912A6-1, KxBR

90

7043

B2913A31-2-1-4, CoxBR

93

7044

C2912A10-1, KxBR

94

7045

B2914A36-4-1-1, CAxBR

95

7046

B923A5-17-3-2, RxSBR

97

7047

B321A2-1-2-2, Rx D

106

7048

B324A1-8-2-1, RxSD94

109

7049

Early Eume

C283A9-6-1-2, EXF

C283A3-6-2, EXF

C2918A36-2, CAxD

C2913A5-1-3, CoxBR

C2920A41-2-2, IBrxF

AL-5-1, IxBR

C2914A6-3-1, CAxBR

C332A6-24, RxF

C321A3-2, Rx D

AL-5-18-2, IxBR

C2919A14-1-3-2, HxBR

C332A6-17, RxF

C321A3-25, Rx D

AL-11-1, SxF

AL-11-2, SxF

AL-5-4-1, IxBR

AL-5-30, IxBR

C2912A10-1-1, KxBR

C2913A24-1, CoxBR

C2854-3

C321A4-11-2, Rx D

7050

7051

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7053

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7057

7058

7059

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7062

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7071

939 Disease

			Beaumont, Tex.				Crowley, La.				Stuttgart, Ark.			
			DISEASES				DISEASES				DISEASES			
			H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	Enty- loma
4-3-7-2-2-1, Edith x Fortuna	7156	7101	10	5		0								
3A1-1-4-1-1-1, Edith x Fort.	2002	7102	10	75		+								
6A25-1-1-1-2-1, Edith x Blue Rose	2091	7103	10	25		+								
3A8-3-4-1-1-1, Edith x Fort.	2491	7104	15	10		0								
3A9-4-1-2-1, Rexoro x S.B.R.	2245	7105	20	10		+								
37A3-2-1, C.I. 7482 x C.I. 5094	2301	7106	15	5		+								
318A4-2-1-2, C.I. 7689 x Fortuna	2375	7107	10	0		0								
Rexoro, B3712	2444	7108	20	0		0								
91A Edith x Caloro Sel.	2486	7109	15	0		0								
92A12-5-1-1-1, Colusa x Edith	2502	7110	15	0		+								
95A20-1-3-1-1-1, Edith x Kameji	2510	7111	10	5		0								
920A13-2-2-1-1-1, IBR x F	2544	7112	10	0		+								
IBR x F Sel.	2966	7113	20	5		0								
IBR x F Sel.	2968	7114	25	5		0								
IBR x F Sel.	3974	7115	35	5		+								
351A3-10 B314A8-2-3-2 x Nira	3674	7116	10	5		+								
351A3-3 B314A8-2-3-2 x Nira	3667	7117	5	5		0								
3512A1-12-4 B314A8-2-3-1 x SBR	2766	7118	5	5		0								
3512A1-12-7 "	2769	7119	10	5		0								
314A8-2-1-2 Storm Proof x Spain Jap	7135	7120	5	0		0								

Hum. in lts 1 1/6

				Beaumont, Tex.				Crowley, La.				Stuttgart, A.			
				DISEASES				DISEASES				DISEASES			
				H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	Enty- loma
B314A8-2-1-3,	StormProof x Spain Jap	7136	7121	10	tr		0								
○ B314A8-2-1-4,	"	7137	7122	5	5		0	Norm late	10-6						
B314A8-2-1-6,	Phurth	7139	7123	10	5		0								
B314A8-2-1-7,	"	7140	7124	10	tr		0								
B314A8-2-2-1,	"	7143	7125	10	tr		0								
B314A8-2-2-3,	"	7145	7126	10	10		0								
○ B314A8-2-2-4,	"	7146	7127	10	0		0					Norm in late	10/6		
B314A8-2-3-2,	"	7151	7128	10	0		0								
F4 Lines															
△ B3512A38-1	B314A8-2-3-1 x SBR		7129	5	0		0								
○ B3512A38-2	" " 1 pl in early		7130	10	0		0					Norm in late	10/6		
○ B3512A38-3	" " last in an		7131	10	tr		+					Norm in late	10/6		
B3512A38-4	" "		7132	10	10		+								
B3512A38-5	" "		7133	10	5		0								
B3512A38-6	" "		7134	10	5		+								
B3512A2-1-1	" "	3696A	7135	10	0		0								
B3512A2-1-2	" "	3696B	7136	10	5		+								
○ B3512A2-1-3	" "	3696C	7137	5	0		+					Norm in late	10/6		
B3512A2-4-1	" "	3697A	7138	10	tr		0								
B3512A2-4-2	" "	3697B	7139	10	5		+								
○ B3512A2-10	" 1 pl in early	3704	7140	10	0		0					Norm in late	10/6		

				<u>Beaumont, Tex.</u>				<u>Crowley, La.</u>				<u>Stuttgart, Ark.</u>			
				DISEASES				DISEASES				DISEASES			
				H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	Enty- loma
3512A2-25, B314A8-2-3-1 x SBR			3719	7141	10-5		+				No in late 10-6				
3512A2-26,	"		3721	7142	10-0		0				No in late 10-6				
3512A2-27,	"		3722	7143	15-5		+								
3512A2-31,	"		3726	7144	10-5		0								
3512A2-33,	"		3728	7145	15-5		0								
3512A2-36,	"	1 in early	3731	7146	20-0		+								
3512A2-40,	"		3735	7147	10-10		+				sel for cer. maintenance				
3512A2-41,	"	2 in early	3736	7148	10-50		+								
3512A2-45,	"		3741	7149	10-0		+				No in late 10/6				
3512A2-54,	"	2 in early	3750	7150	10-0		+				No in late 10/6				
3512A2-62,	"		3758	7151	15-0		0								
3512A2-70,	"		3767	7152	15-0		+								
3512A2-79,	"		3776	7153	10-5		0								
3512A38-7,	"		5205	7154	10-5		0								
3512A38-8,	"		5206	7155	5-0		+								
3512A38-9,	"		5207	7156	10-5		+								
3512A38-10,	"		5215	7157	20-0		+								
3512A38-11,	"	in late	5217	7158	5-5		0				No in late 10/6 Possible telia found plant previous.				
3512A38-12,	"		5219	7159	10-15		+				2 telia in maturity, larger sp. same stigma, & morphology.				
3512A38-13,	"		5220	7160	15-0		+								

O above
 1 group
 E is in early group

				Beaumont, Tex				Crowley, La				Stuttgart, La			
				DISEASES				DISEASES				DISEASES			
				H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	
B3512A38-14,	B314A8-2-3-1,	XSBP	52218	7161	25	5	+								
B3512A38-15,	"	cut in late	5221C	7162	10	5	+								Nov. lat 10/6
B3512A38-16,	"		5221D	7163	20	5	+								
B3512A38-17,	"	pan E	5223A	7164	15	0	0								
B3512A38-18,	"	2 pan early	5223B	7165	15	5	0								
B3512A38-20,	"		5224	7166	15	5	0								
B3512A38-21,	"	cut in early	5229A	7167	10	10	0								Nov in early + late y.
B3512A38-22,	"		5229B	7168	10	5	0								
B3512A38-23,	"	1 pan E	5234	7169	15	10	0								
B3512A38-24,	"		5237	7170	15	5	+								
B3512A38-25,	"		5238	7171	15	5	0								
B3512A38-26,	"		5240	7172	10	5	0								
B3512A38-27,	"		5244	7173	10	70	+								
B3512A38-28,	"		5251	7174	10	0	+								
B2911A18-1-1,	sel		2893	7175	15	5	+								
B2911A18-1-1,	sel.		2895	7176	15	0	+								
B2911A18-1-1,	sel		2898A	7177	20	0	+								
B2911A18-1-1,	sel		2898B	7178	20	0	+								
B2911A18-1-1,	sel		2898C	7179	10	5	+								
B2911A18-1-1,	sel.		2912	7180	35	5	+								

[illegible]

page 1

				Beaumont, Tex.				Crowley, La.				Stuttgart, Ark.			
				DISEASES				DISEASES				DISEASES			
				H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	Enty- loma	H.O.	Cerco- spora	White Tip	
B35X-3h	C.I. 5398 x C.I. 1962	38918	7201	25	0		0								
B34A37-2	Caloro x Fortuna	3902	7202	30	0		0								
	NIRA x Kameji	3913	7203	15	5		0								
	"	3916	7204	20	5		0								
	"	3917	7205	20	10		+								
	"	3931	7206	35	10		+								
	81C x Kameji	3938	7207	5	5		0								
B34A	B34A Blue Rose x C.I. 5309	4740	7208	10	10		0								
W.P. E 23	B34A3947	4751	7209	15	5		0								When early + late
120	"	4758	7210	15	10		+								
	C.I. 6750	7102	7211	5	5		+								
	C.I. 6758	7103	7212	25	0		0								
	C.I. 7034	7105	7213	10	5		0								
	C.I. 7044	7106	7214	20	5		0								
	C.I. 7357	7110	7215	10	5		0								
	C.I. 7402	7111	7216	10	5		0								
C321A3	R x D	7208	7217	20	0		0								
Stuttgart - 4C-17-122	(K x H)	7249	7218	5	0		+								
Stuttgart - 4C-17-124	(K x H)	7250	7219	15	5		+								
S283A9-6-14, EXF (AH 28-14)		(Stuttgart, Ark.)	7220	20	5		+								

Beaumont, Tex

Crowley, La.

Stuttgart, Ark.

DISEASES

DISEASES

DISEASES

H.O. Cerco- White Enty-
spora Tip lomaH.O. Cerco- White Enty-
spora Tip lomaH.O. Cerco- White Enty-
spora Tip loma

S2912A9-2-8-1, KxBR (AH-29-151)

(Stuttgart, Ark.) 221

S2912A15-1-8-1, KxBR (AH-29-153)

" 7222

S2912A15-1-8-3-1, KxBR (AH-29-154)

" 7223

S2912A15-1-8-6-1, KxBR (AH-29-155)

" 7224

S2912A34-2-8-4-4, KxBR (AH-29-65)

" 7225

S2912A34-2-8-4-12, KxBR (AH-29-66)

" 7226

S2912A34-2-8-9-6, KxBR (AH-29-67)

" 7227

S2912A34-2-8-9-12, KxBR (AH-29-68)

" 7228

S2912A34-2-8-9-14, KxBR (AH-29-69)

" 7229

Old style Blue Rose

" 7230

S2912A11-6-2-1-2, KxBR (AH-29-152-2)

" 7231

S2912A15-1-8-1-2, KxBR (AH-29-153-2)

" 7232

S2912A15-6-5-7-1-1, KxBR (AH-29-158-1)

" 7233

S2912A9-8-6-1-3-1, KxBR (AH-29-174)

" 7234

S2912A15-1-8-1-4-2, KxBR (AH-29-176)

" 7235

S2912A15-1-8-1-6-1, KxBR (AH-29-178)

" 7236

S2912A15-1-8-7-11-L KxBR (AH-29-181)

" 7237

S2912A34-2-8-9-6-1, KxBR (AH-29-190)

" 7238

S2912A9-2-2-2-1, KxBR (AH-29-191)

" 7239

S2912A34-2-8-9-16-1, KxBR (AH-29-290)

" 7240

Beaumont, Tex.

Crowley, La.

Stuttgart, Ark.

DISEASES

H.O. Cerco- White Enty-
spora Tip loma

DISEASES

H.O. Cerco- White Enty-
spora Tip loma

DISEASES

H.O. Cerco- White Enty-
spora Tip loma

Hybrid Mix. #1, (AH-29-279)

(Stuttgart,
Ark.)

7241

Hybrid Mix. #2 (AH-29-285)

" 7242

Hybrid Mix. #3 (AH-29-287)

" 7243

Hybrid Mix. #4 (AH-29-288)

" 7244

S2920A17-2-6-2-1, IBRXF(AH-29-160)

" 7245

S2920A17-2-6-7-1, IBRXF(AH-29-161)

" 7246

S2920A17-4-4-1-4, IBRXF(AH-29-95)

" 7247

S2920A17-4-4-5-3, IBRXF(AH-29-97)

" 7248

S2920A17-4-4-8-1, IBRXF(AH-29-102)

" 7249

S2920A17-4-4-9-1, IBRXF(AH-29-103)

" 7250

S2920A17-4-4-1-1, IBRXF(AH-29-94)

" 7251

S2920A32-3-11-4-1, IBRXF(AH-29-106)

" 7252

S2920A32-3-11-8-9, IBRXF(AH-29-107)

" 7253

S2920A16-5-1-1, IBRXF(AH-29-35-1)

" 7254

S2920A17-2-6-4-1, IBRXF(AH-29-213)

" 7255

S2920A17-4-4-1-4-1, IBRXF(AH-29-217)

" 7256

S2920A17-4-4-5-3-1, IBRXF(AH-29-220)

" 7257

S2920A17-4-4-6-1-1, IBRXF(AH-29-222)

" 7258

S2920A27-5-4-1-6-1, IBRXF(AH-29-223)

" 7259

S2920A17-4-4-6-6-1, IBRXF(AH-29-227)

" 7260

Beaumont, Tex.

Crowley, La.

Stuttgart, Ark.

DISEASES
H.O. Cerco- White Enty-
spora Tip loma

DISEASES
H.O. Cerco- White Enty-
spora Tip loma

DISEASES
H.O. Cerco- White Enty-
spora Tip loma

S 2920A17-4-4-8-1-1, IBRxF (AH-29-230) (Stuttgart) 7261

30 5 +

S 2920A17-4-4-9-6-1, IBRxF (AH-29-232) " 7262

35 5 +

S 2920A17-4-4-9-8-2, IBRxF (AH-29-235) " 7263

20 5 +

S 2920A32-5-5-5-7-1, IBRxF (AH-29-253) " 7264

20 5 +

S 2920A32-5-5-8-10-2, IBRxF (AH-29-261) " 7265

20 5 +

S 2920A32-5-9-2-1-1, IBRxF (AH-29-263) " 7266

20 15 +

S 2914A18-3-8-13, CAxBR (AH-29-140) " 7267

25 10 +

Oldstyle Blue Rose " 7268

40 15 +

Asahi former! 7269

35 0 0

Oldstyle Blue Rose (Stuttgart) 7270

20 10 +

" " 7271

40 15 +

" " 7272

45 10 +

" " 7273

45 10 +

" " 7274

45 5 +

" " 7275

30 10 +

" " 7276

35 10 +

" " 7277

35 15 +

" " 7278

35 10 +

" " 7279

35 5 +

Improved Blue Rose, 3030 " 7280

30 10 +

Beaumont, Tex

Crowley, La

Stuttgart, Ark.

DISEASES

DISEASES

DISEASES

H.O. Cerco- White Enty-
spora Tip loma

H.O. Cerco- White Enty-
spora Tip loma

H.O. Cerco- White Enty-
spora Tip loma

C.T. 3794

(Crowley) 7281

no

C297A9-A-2-1, Cox D

Crowley 7282

no

AK-S-1, Tola x BR

" 7283

?

AK-S, Tola x BR

" 7284

?

~~Early Eum.~~
C299A25-4-1, CA x H

" 7285

~~C299A14-1, BR x CO~~

" 7286

~~22063-1, BR x N~~

" 7287

~~C321A3, R x D~~

" 7288

~~C295A33-1-2, Ex K~~

" 7289

~~C295A38-1-2, Ex K~~

" 7290

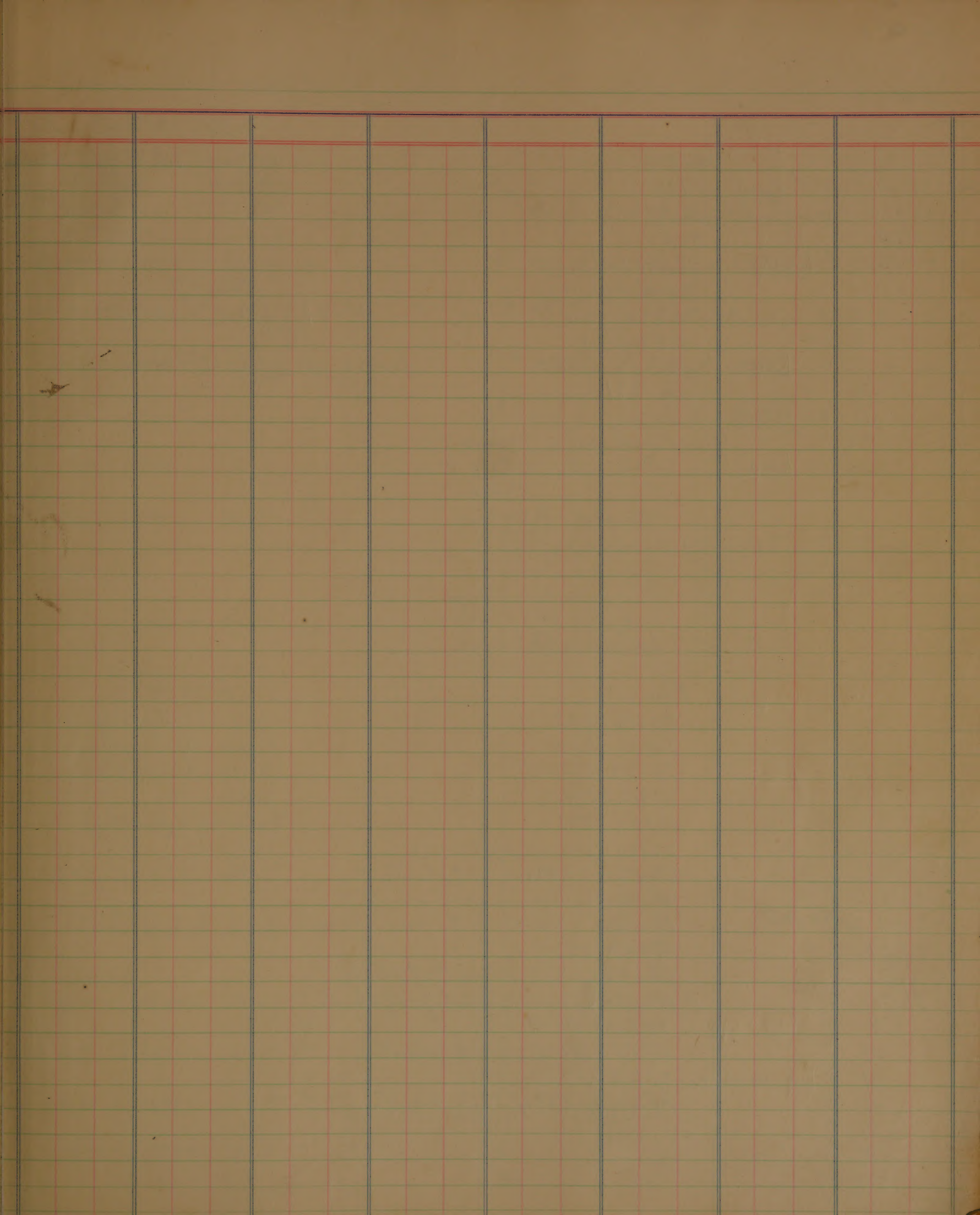
	Straw	White	Total	
22896	1	5		Seg straw & white
97	5	3		Seg straw & white
98	14	2		Seg
99	4	3		
9900	7	1		Seg
9901	5	2		Seg
9902	6	1		Seg
9903	2	1		Seg
4	4 ad Straw			
5	12 all Straw			
6	5 all straw			
7	6 all straw			
8	12 all Straw			
9	9 all straw			
10	1 Straw	0		
11	1 Straw	0		
12	2 Straw	0		
13	3 Straw	0		
14	7 Straw	0		
15				appears to be Segs.
16	8 Straw			
17	9	1		9 Seg.
18	12	1		13 Seg
19	3	2		5 Seg
20	7	2		9 Seg
21	5	2		7
22	11 all Straw	0		
23	19 all Straw			
24	15	7		22 " Seg
25	28	12		40 plants
26		6 all white		are white in appearance but are not true white
27				no plants
28	13 all Straw			
29	11 all Straw			
30	6 all straw			
31	3	2		
32				no plants
33				no plants
34	10 all straw			
35	15 all straw			
36	4	4		
37	30 all straw			30 early mat.

4937

4925

	Straw	white	Total
4938	7	3	Seg
39	4 all straw		
40	12	4	16 seg
41	18	7	25 seg
42	10	6	16 seg
43	0	2 white	
44	5 straw		5
45	15 all straw		
46	12 all straw		
47	12 all straw		
48	12 all straw		
49	1 straw		
50	no plants		
51	0	6 all white	
52	9	4	seg
53	2 straw	0	
54	15 all straw		
55	16	13 white	29 plants
56	2 straw	0	
57	2	2	seg
58	no plants		
59	no plants		
60	1	1 white	seg
61	2 straw	0	
62		7 all white	
63	14	4	18 seg
64	7	4	11 seg
65	no plants		
66	0	10 all white	
67	11	4	15 seg
68	2 straw	0	
69	7	1	8 plants
70	no plants		
71		7 all white	
72		8 all white	
73	no plants		
74		3 all white	
75		4 all white	
76		11 all white	
77		13 all white	
78	1	7 white	

	Draw	white	
49	79	0	no plants
80	0	3 all white	
81	0	12 all wh	
82	2	17 white	
83	0	3 white	
84	14	5	Seg.
85	0	1 white	



Order transplanted to field

Row 10

1	3715A3	✓	4585 ✓
2	3715A4	✓ <i>mon leaf</i> <u>Keep</u>	2110 ✓
3	5216-14	✓	3621 ✓
4	5216-8	✓	4061 ✓
	3715A38	✓ <u>Keep</u>	3625A7 roller ✓
2		✓	Edich Hapt ✓
5		✓	3033 large ✓
6		✓	4142 large ✓
8		✓ <u>Keep</u>	Dwarf from Ed. ✓
9		✓	Row 11
11		✓ <u>Keep</u>	
12		✓	Heat treatment - 72 hrs. ✓
14		✓ <u>Keep</u>	" 57 1/2 " ✓
15		✓	" 48 hrs ✓
16		✓	" 33 hrs ✓
19		✓	F ₁ Caloro x Bl. Rose ✓
20		✓	F ₁ Caloro x Calady ✓
21		✓	F ₁ Shermel x Early P. d. ✓
22		✓	F ₁ Calady x Blue Rose ✓
23		✓	F ₁ Fortune x Blue Rose ✓
28		✓	
30		✓	
32		✓	
33		✓	
35		✓	
36		✓	
376A2		✓	Row 12
377A1		✓	3371X 3822 ✓
379A1		✓	3622X 3822 ✓
3710A1		✓	3622X 3822 ✓
3711A1	<i>single 5711A2</i>	✓	3371X 2734 ✓
3712A1		✓	2734X 3371 ✓
3716A1		✓	2734X 3609 - 2 plants ✓
5216A1		✓	Blue Rose x C.T. 4440 - 9 plants ✓
4		✓	Blue Rose x Shermel - 15 plants ✓
17		✓	Blue Rose x G. m. - 9 " ✓
21		✓	3822X 2735 ✓
25		✓	Blue Rose x Lady W. - 9 plants ✓
2		✓	(Blue Rose x Caloro x Calady) - 13 plants ✓
19		✓	3822X A1-11 ✓
20		✓	2738X A1-11 - 3 plants ✓
21		✓	3622X 3371 - ✓
		✓	3622X 2734 - 3 plants ✓

Row 12 (continued)

✓	Heat treat 48 hrs	5 plants
✓	"	72" 1 "
✓	"	9 1/2" 1 "
✓	"	3 1/2" 1 "

Row 13

no 1/2 (a) (D x R) x (Calady x BR) 9 plants

funits 1-5 & 6 (Sh x EP) x (Caloro x Calady) 6 "

Row 14

Sh x EP (Caloro x Calady) 9 plants
 (Caloro x BR) x (Caloro x Calady) - 2 pl.
 (Del x Rex) x (Calady x BR) - 8 "
 Caloro x BR - 5 "
 (Sh x EP) x (Caloro x Calady) - 14 "
 (Del x Rex) - 6 "
 (Blue x EP) - 6 "

Heat treatments sown Nov. 18, emerged Nov. 25.

Crossed seeds sown Nov. 10
emerged Nov. 20

North to South + East to West
Row I

North			no.	sub plant	
x 3622 x 3371	3	3	(died) no		
x 3371 x 3822	2	2	✓		
x 3622 x 3822	6	6	✓		
x 3371 x 2734	1	1	✓		
x 2734 x 3371	1	1	✓		
x 2734 x 3609	3	3	✓		
x BR x C.I. 4490	49	✓			

Row 2

x BR x Observed	50	✓			
x BR x Zenith	30	✓			
3822 x 2735	1	1	✓		

Row 3.

x BR x Lady Wright	27	✓			
BR x F ₁ (Calos x Calady)	45	✓			

57½ hr heat treat. 3 3 (1st growth) no

Row 4

x 3822 x AH11-1C	7	6	✓		
x 2734 x AH11-1C	6	5	✓		
x 3622 x 3371	6	4	✓		
x 3622 x 2734	8	5	✓		

Row. 5

48 hr. heat treatment (2nd growth)	✓				
x 72 hr. heat treatment (2nd growth)	✓	3	1		
x 9½ hr heat treatment (1st growth)	✓	16	12		
x 3½ hr heat treatment (1st growth)	✓	20	7		
27½ hr. heat treatment (1st growth)	no. 1	no.			

2 in stoneware jars (3 gallon).

F₁ plants

F₁(Shoemad x Carly Prolific) x F₁(Calos x Calady)
3 jars, totaling 17 seeds

x F₁(Deletus x Rens) x F₁(Calady x Blue Rose)
1 jar, 5-6 seeds

South

South

Plants from field planted in sheet metal flat in greenhouse, Nov. 18.

Row 1, starting in south east corner,
South to north East to west.

+ 3715A39	✓
3715A40	✓
5216-14	✓
-8	✓
3715A38	✓ ✓
+ 3715A 2	✓
3715A 4	✓
3715A 5	✓
+ 3715A 6	✓
x 3715A 8	✓
3715A 9	✓
3715A 11	✓
3715A 12	✓
3715A 14	✓
3715A 15	✓
3715A 16	✓
3715A 19	✓ ✓
3715A 20	✓
3715A 21	✓
✓ 3715A 22	✓

Row 2,

5216-19	✓
-3	
-2-	✓
+ -25	✓
-21	✓
-17	✓
x -4	✓
x -1	✓
3718A 1	no
3716A 1	✓
+ 3712A 1	✓
x 3711A 2	✓
+ 3710A 1	✓
x 379A 1	✓
x 377A 1	✓
x 376A 2	✓
+ 3715A36	✓
x 3715A35	✓
x 3715A33	✓
3715A32	✓
x 3715A31	✓
x 3715A30	✓
3715A29	
3715A28	✓
x 3715A26	✓

Plants from field (continued)

Row 3. South to north, E to W.

5216-20 ✓

-21 ✓

-?

(to College Sta)

4585 ✓

2110 ✓

+ 3621 ✓

+ 4061 ✓

(to college station)

4061 no

4061 no

C.I. 3625 (a) Natl Cross ✓

C.I. 3625 (a) Natl cross no

+ 3033 Haploid ✓

+ 3033 haploid ✓

3033 haploid no

3033 haploid no

4142 haploid ✓

4142 haploid ✓ (to college station)

Dwarfs

1 to college station

Row 4 South to north, west row.

+ F₁ (Fortune x Blue Rose) ✓+ F₁ (Delites x Rexoro) no+ F₁ (Calady x Blue Rose) ✓+ F₁ (Shoemud x Early Prolific) ✓+ F₁ (Caloro x Calady) ✓F₁ (Caloro x Blue Rose) ✓Next Treatment (Original plants)

+ 33 hrs. ✓

+ 48 hrs. ✓

+ 57½ hrs. ✓

+ 72 hrs. ✓

C.P. 3214	2	3.45	—	2	X		
Zenith	3	4.65			X		
B2917A29	6	2.2	—	6			
L. Wright	10	4.65			date seeding X		
Late	11	4.7			X		
B293A2-7-6	12	6.6					
C2917A3-6-2/3	13	3.8	—	13		64 seeds per lb.	
S2912A34-2-1-3	21	6.1				16 seeds per lb.	
B293A3-45	23	3.3	—	23			
Lady Wm 3(Cal)	32	2.5	—	32			
B293A3-7-5	33	3.7	—	33			
L. Wright 364	57	4.4					
B293A3-3-4-14	39	4.4					
B2913A29-1-1-1	39	4.9					
Fortuna	45	6.0			X		
Maria	45	4.7			X		
Quinta	48	2.4	—	48	X	mixture, med-grain	
Calor	51	5.2			X		
B293A3-5-4-14	57	2.9	—	57			4
C2914A2-6-1-2	59	2.1	—	59			5
C2914A6-3-1	61	6.1				Red seed (not crossing)	
Cal. Wm 3/16-1	65	2.6	—	65			6
B295A10-1-1-1	77	3.7	—	77			
B291A2-8-2-1	79	5.0					
B2912A1322	81	3.9	—	81			8
Andie	84	5.9			X	Contains 144 Bels per lb.	
Rever	86	5.5			X		
Blue Pom	87	5.6			X		
C2912A10-1	94	4.6	✓				
B2914A36-4-1	95	6.2					
C.T. 5548	101	5.4					
B321A2-12	106	6.4	—				
B324A1-8-2-1	109	6.5					
	110	3.7					
Zola	115	6.2			X		
	Ed 321	6.0					
	Ed 321	4.9					
F.P. Source		4.9				72 seeds per lb.	
Calor Source		7.9					
Fort Monroe		9.7					

Row 2153 had considerable sterility, interesting for Chrom. count

" 2331 Second plant in row had 2 seeds in same floret. Examined for similar types

Some plants

4344 - 6123
4345 - 1546
4347 - 6123
4349 - 3212
4350 - 4504
4352 - 5398
4353 - 5173
4354 - 4011
4355 - 2122
4356 - 1111
4357 - 5012
4358 - 3025
4360 - 5309
4361 - 6011
4362 - 5810

4011 (4354)

5398 (4352)

3212 (4349)

